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ANNUAL REPORT
OF THE
BUREAU OF INDUSTRIES
FOR THE
PROVINCE OF ONTARIO.
1890.



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ANNUAL REPORT

OF THE



BUREAU OF INDUSTRIES

FOR THE

PROVINCE OF ONTARIO

1890

PRINTED BY ORDER OF THE LEGISLATIVE ASSEMBLY.



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NINTH ANNUAL REPORT
OF THE
BUREAU OF INDUSTRIES.

TO THE HONORABLE JOHN DRYDEN, MINISTER OF AGRICULTURE:

Sir,—I have the honor to submit herewith the ninth annual Report of the Bureau of Industries for the Province of Ontario, consisting of :

- I. The Weather and the Crops ;
- II. Live Stock, the Dairy and the Apiary ;
- III. Values, Rents, and Farm Wages ;
- IV. Loan and Investment Companies ; and
- V. Chattel Mortgages.

Owing to the many difficulties in getting financial returns from municipalities corrected, Part VI relating to Municipal Statistics has been delayed, and as the returns of population, assessment and taxation are nearly complete for 1891, it has been deemed advisable to defer the publication of this part and to include it as a portion of the Annual Report for 1891. Several parts of this report will appear at an early date.

I have the honor to be, Sir,

Your obedient servant,

C. C. JAMES, Secretary.

TORONTO.

PART I.

THE WEATHER AND THE CROPS.

THE WEATHER.

A record of the atmospheric conditions of any year will generally furnish the key to the history of the crops for that particular season. One does not need to be very observant to know the meaning of an unusual lack or a too abundant supply of rain at critical periods in the life of a crop, for the effects of the consuming drouth or the destructive "drowning out" are readily apparent. The amount of snowfall also plays a considerable part in agriculture, being either a blessing or a blight to fall wheat—sometimes sheltering and sometimes smothering, while the absence of the friendly covering not only exposes the young wheat plant to injury but also leaves unprotected many tender vines and bushes in the orchard and garden. The variations of temperature and the undue presence or absence of sunshine during the growing period are also important factors in the welfare of our crops. It will therefore be seen that the weather tables have an important bearing in helping to account for the results of a year's yield on the farms.

TEMPERATURE. In the following table the temperature for each of the six months constituting the growing period (April to September, inclusive) is given for ten stations which, geographically considered, may be reckoned as fairly representative, together with the average for the nine years 1882-90 :

Months.	Saugeen.	Birnam.	London.	Woodstock.	Stoney Creek.	Toronto.	Lindsay.	Gravenhurst.	Ottawa.	Rockliffe.	Province average.
	°	°	°	°	°	°	°	°	°	°	°
April ... { 1890...	38.92	43.16	46.09	43.72	46.09	42.31	40.33	38.83	39.64	36.08	41.52
{ 1882-90	38.37	41.95	42.78	41.64	42.56	40.65	38.92	37.50	39.38	36.31	40.01
May { 1890...	47.07	50.80	53.91	51.63	52.26	50.01	48.57	48.37	50.31	47.11	50.00
{ 1882-90	49.31	54.04	54.78	53.51	53.41	51.94	52.31	51.72	55.25	50.85	52.71
June { 1890...	62.53	66.30	66.67	67.95	69.34	65.31	65.42	65.77	64.37	62.57	65.62
{ 1882-90	59.40	63.88	64.46	64.44	64.95	62.39	62.89	62.46	65.40	60.76	63.10
July { 1890...	65.46	67.47	67.21	68.23	71.64	67.34	66.02	66.88	67.42	64.18	67.19
{ 1882-90	63.76	67.65	68.26	68.14	70.26	67.49	66.37	66.34	68.83	64.43	67.15
August.. { 1890...	61.43	63.45	63.20	64.17	67.19	64.49	61.89	62.40	64.14	58.27	63.06
{ 1882-90	62.49	64.70	64.99	64.69	67.83	65.27	63.22	63.16	65.32	60.95	64.26
Sept'r .. { 1890...	54.15	57.66	59.39	57.42	59.71	57.46	56.07	55.41	56.08	51.18	56.45
{ 1882-90	56.23	59.33	58.72	58.25	60.44	58.30	55.94	56.05	56.90	53.05	57.32
Aver. for { 1890...	54.93	58.14	59.41	58.85	61.04	57.82	56.38	56.28	56.99	53.23	57.31
6 m'ths. { 1882-90	54.93	58.59	59.00	58.45	59.91	57.67	56.61	56.20	58.51	54.39	57.43

The average temperature of the province for the six months was $.12^{\circ}$ below that of the nine years. There was a higher record in London, Woodstock, Stoney Creek, Toronto and Gravenhurst compared with their respective averages for the nine years period, while Saugeen exactly equalled its own average. April was a comparatively warm month, every station excepting Rockliffe showing an increase in temperature, whilst that of the province exceeded its average for the nine years by 1.51° . May, on the contrary, was 2.71° cooler than usual, each station showing a drop ranging from $.77^{\circ}$ at London to 4.94° at Ottawa. June experienced a higher temperature than the average at every station excepting Ottawa. In July there were four stations higher and six lower than their own averages for the nine years, but the record for the province was $.04^{\circ}$ above its average for the series of years. The record for this the hottest month of the season was 67.19° . August was a colder month than usual at every station, and the temperature for September fell below its average, although London and Lindsay exceeded their figures for the nine years.

SUNSHINE. The table following gives the sunshine record at five stations for the six months April-September for 1889 and 1890, together with the averages for the eight years 1883-90. The hours of possible sunshine (calculated for Latitude 45°) will be found in the last column of the table.

Months.	Woodstock.	Toronto.	Barrie.	Lindsay.	Kingston.	Province averages.	Sun above horizon in Lat. 45° .
	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.	Hrs.
April	{ 1890.... 199.0 1889.... 178.9 1883-90. 192.2	{ 1890.... 229.3 1889.... 189.8 1883-90. 196.4	{ 1890.... 169.1 1889.... 170.1 1883-90. 166.1	{ 1890.... 223.4 1889.... 209.5 1883-90. 205.5	{ 1890.... 229.0 1889.... 197.1 1883-90. 194.7	{ 1890.... 210.0 1889.... 189.1 1883-90. 191.0	{ 406.4
May	{ 1890.... 182.6 1889.... 197.1 1883-90. 202.6	{ 1890.... 184.7 1889.... 202.3 1883-90. 220.5	{ 1890.... 143.7 1889.... 197.6 1883-90. 195.0	{ 1890.... 172.6 1889.... 198.3 1883-90. 218.4	{ 1890.... 189.0 1889.... 204.1 1883-90. 215.8	{ 1890.... 174.5 1889.... 199.9 1883-90. 210.5	{ 461.1
June	{ 1890.... 253.5 1889.... 169.3 1883-90. 239.4	{ 1890.... 265.7 1889.... 181.3 1883-90. 263.3	{ 1890.... 238.4 1889.... 111.7 1883-90. 226.3	{ 1890.... 252.8 1889.... 171.9 1883-90. 257.8	{ 1890.... 263.3 1889.... 187.9 1883-90. 244.7	{ 1890.... 254.7 1889.... 164.4 1883-90. 246.2	{ 465.7
July	{ 1890.... 289.8 1889.... 274.1 1883-90. 268.2	{ 1890.... 304.3 1889.... 303.2 1883-90. 289.6	{ 1890.... 243.1 1889.... 271.2 1883-90. 255.8	{ 1890.... 272.9 1889.... 298.4 1883-90. 280.9	{ 1890.... 292.0 1889.... 274.6 1883-90. 269.4	{ 1890.... 280.4 1889.... 284.3 1883-90. 272.8	{ 470.9
August.....	{ 1890.... 240.5 1889.... 240.7 1883-90. 230.6	{ 1890.... 249.5 1889.... 229.8 1883-90. 253.7	{ 1890.... 218.7 1889.... 215.6 1883-90. 214.7	{ 1890.... 229.7 1889.... 229.3 1883-90. 236.1	{ 1890.... 234.8 1889.... 222.9 1883-90. 248.2	{ 1890.... 234.6 1889.... 227.6 1883-90. 236.6	{ 434.5
September...	{ 1890.... 197.2 1889.... 189.8 1883-90. 198.3	{ 1890.... 209.4 1889.... 203.9 1883-90. 212.4	{ 1890.... 169.5 1889.... 159.2 1883-90. 143.5	{ 1890.... 210.2 1889.... 198.9 1883-90. 205.2	{ 1890.... 189.4 1889.... 177.6 1883-90. 198.7	{ 1890.... 195.2 1889.... 185.9 1883-90. 191.6	{ 376.3
Totals....	{ 1890.... 1,362.6 1889.... 1,249.9 1883-90. 1,331.3	{ 1890.... 1,442.9 1889.... 1,310.3 1883-90. 1,435.9	{ 1890.... 1,182.5 1889.... 1,125.4 1883-90. 1,201.4	{ 1890.... 1,361.6 1889.... 1,306.3 1883-90. 1,403.4	{ 1890.... 1,397.5 1889.... 1,264.2 1883-90. 1,371.5	{ 1890.... 1,349.4 1889.... 1,251.2 1883-90. 1,348.7	{ 2,614.9

The number of hours of sunshine registered in the province for the six months was barely 52 per cent. of the possible, but it was .7 of an hour more than the average for the eight years 1883-90. Barrie and Lindsay fell below their average, but the other three stations more than made up for the loss. The highest record of sunshine was that of Toronto, which was 1,442.9 hours, or 93.5 more than the average for the province. The least sunshine was registered at Barrie. May fell greatly behind its record of last year and also its figures for the eight years. July had less sunshine than in 1889, but more than its average for the series of years. August exceeded its record of 1889, but did not equal its average for the eight years. April and June, however, each surpassed their records, both for the previous year and their average for the series of years.

PRECIPITATION. As has already been pointed out the matter of precipitation during the winter months is of importance from an agricultural standpoint, more particularly to winter crops. The following table gives the fall of rain and snow by districts during the five winter months for 1888-9 and 1889-90 and the average for the nine years 1882-90 :

Months.		West and South-west.		North-west and North.		Centre.		East and North-east		Province averages.	
		Rain.	Snow.	Rain.	Snow.	Rain.	Snow.	Rain.	Snow.	Rain.	Snow.
		Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.
November	{ 1889...	2.91	9.1	1.76	13.6	2.53	9.1	2.29	12.3	2.37	11.0
	{ 1888...	2.79	1.7	2.87	8.3	2.70	2.0	3.25	3.5	2.90	3.9
	{ 1882-9.	2.37	6.6	2.08	14.8	2.17	5.8	1.97	9.6	2.15	9.2
December	{ 1889...	3.99	0.3	2.35	13.2	4.01	2.1	2.45	9.5	3.20	6.3
	{ 1888...	1.24	5.4	1.14	8.5	0.95	3.2	1.00	5.6	1.08	5.7
	{ 1882-9.	1.59	14.3	1.24	21.8	1.53	11.7	1.15	14.8	1.38	15.6
January	{ 1890...	3.44	4.7	1.93	25.5	2.78	8.9	2.19	12.6	2.59	12.9
	{ 1889...	1.78	16.0	0.90	26.6	1.53	20.7	1.52	24.4	1.43	21.9
	{ 1882-90	1.38	16.8	1.11	29.8	1.34	18.4	1.06	22.4	1.22	21.9
February	{ 1890...	1.82	6.2	0.85	20.7	1.88	9.1	1.86	15.4	1.60	12.9
	{ 1889...	0.41	15.8	0.18	30.6	0.31	16.8	0.15	27.1	0.26	23.5
	{ 1882-90	1.68	11.2	0.73	22.4	1.34	11.7	0.85	18.8	1.15	16.0
March	{ 1890...	1.05	11.1	0.59	17.5	0.86	10.8	0.74	13.1	0.81	13.1
	{ 1889...	0.29	6.2	R.	6.9	R.	8.3	R.	4.5	0.08	6.5
	{ 1882-90	1.24	10.7	0.85	14.4	1.09	10.0	0.85	14.2	1.01	12.3
Total	{ 1890...	13.21	31.4	7.48	90.5	12.06	40.0	9.53	62.9	10.57	56.2
	{ 1889...	6.51	49.1	5.09	80.9	5.49	51.0	5.92	65.1	5.75	61.5
	{ 1882-90	8.26	59.6	6.01	103.2	7.47	57.6	5.88	79.8	6.91	75.0

As one inch of rain is equal to about ten inches of snow the total precipitation of the province exceeded that of the previous year and also the average for the nine years. The rainfall during the five months was remarkably heavy, being nearly double that of the previous year, and 53 per cent. more than the average for the nine years. In the west and south-west and centre districts the fall of rain was especially great. There were 3.20 inches of rain recorded for the province in December, which was the wettest month, 2.59 in January and 2.37 in November, while in March only .81 inches fell. In the centre district in December 4.01 inches of rain were registered, and in the west and south-west 3.99 inches. The snowfall of the province was 5.3 inches below that of the previous year, and 18.8 inches below the average for the nine years. In no district did the snowfall equal its average for the series of years, and in the north-west and north only was the fall of snow greater than in 1888. The heaviest precipitation of snow was experienced in March, being 13.1 inches, while January and February are bracketted for second place with 12.9 inches. There was more snow in November and March than in the previous year or as compared with the average of the period of years for the respective months, but the midwinter months are greatly behind in their record of snowfall. The effects of the comparatively light fall of snow in December and January can be traced in the report of the condition of the fall wheat crop as it came out of the winter, more particularly in the west and south-west district, where the snowfall was but 0.3 inches in December as compared with an average of 14.3 for the nine years, and 4.7 inches in January as against 16.8 inches for the period.

NOTE.—The weather districts given in these tables are those of the Meteorological Office. The Centre is a circular district whose centre is a point in lake Ontario, about midway between Toronto and the mouth of the Niagara river, and embracing the counties of Welland, Lincoln, Wentworth, Halton and Peel, and portions of York, Ontario and Durham. A line drawn from the circumference of the circle through Guelph to Goderich is the limit between the West and South-west and the North-west and North districts, and a line from lake Scugog to Rockliffe, on the Ottawa river, is the limit between the North-west and North and the East and North-east districts.

The rainfall during the growing season, however, is of paramount importance, and the following table furnishes an interesting study :

Month.	West and South-west.		North-west and North.		Centre.		East and North-east.		Province averages.	
	1890.	1882-90.	1890.	1882-90.	1890.	1882-90.	1890.	1882-90.	1890.	1882-90.
	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.	Inch.
April	2.52	1.71	2.04	1.39	1.94	1.58	1.80	1.40	2.07	1.52
May	4.30	3.35	2.88	2.64	3.05	2.73	2.72	2.51	3.24	2.81
June	4.48	3.43	3.15	2.90	4.14	3.16	3.23	2.88	3.75	3.09
July	2.06	2.51	3.38	2.48	2.24	2.30	3.47	2.89	2.79	2.55
August.....	2.91	2.68	3.28	2.58	3.09	2.32	3.59	2.63	3.22	2.55
September....	1.71	2.34	2.21	2.97	2.04	2.42	2.16	2.57	2.03	2.57
Totals....	17.98	16.02	16.94	14.96	16.50	14.51	16.97	14.88	17.10	15.09

The precipitation was 2.01 inches greater in the six months than the average for the same time in the nine years 1882-90. Every district showed an increase in this respect. Each month also showed a greater rainfall, with the exception of September. June was the wettest month, 3.75 inches of rain falling, May came next with 3.24 inches, and August was third with 3.22 inches. In September only 2.03 inches were recorded, and in April the figures were but little higher, although considerably in excess of its own average. The rainfall for the six months was greatest in the west and south-west district and least in the centre district.

FARM LANDS OF THE PROVINCE.

RURAL AREAS ASSESSED. The figures given in the following table are for townships which are municipally organised, and are compiled from the assessors' returns. The acreage assessed and the acreage of woodland, swamp and waste land are for 1890, and the acres cleared are given for 1889 and 1890, the whole being presented by county groups and for the province :

Districts.	Acres assessed.			Acres cleared.		Acres woodland.	Acres swamp, marsh or waste.	Per cent. cleared.
	Resident.	Non-resident.	Total.	1890.	1889.			
Lake Erie	2,277,963	57,854	2,335,817	1,397,825	1,366,784	833,499	104,493	59.8
Lake Huron	2,211,600	63,249	2,274,849	1,328,701	1,301,764	735,835	210,313	58.4
Georgian Bay ...	1,926,367	86,176	2,012,543	1,041,859	1,027,155	774,631	196,053	51.8
West Midland ..	2,210,114	40,139	3,250,253	2,293,009	2,271,604	657,430	299,814	70.5
Lake Ontario....	3,004,561	39,981	3,044,542	2,300,619	2,270,818	505,365	238,558	75.6
St. Law. & Ottawa	5,001,864	271,610	5,273,474	2,301,436	2,284,429	2,152,671	819,367	43.6
East Midland....	2,471,635	177,554	2,649,189	839,472	824,450	1,428,118	381,599	31.7
North'n Districts.	1,351,022	226,592	1,577,614	155,778	138,104	1,255,898	165,938	9.9
The { 1890..	21,455,126	963,155	22,418,281	11,658,699	.....	8,343,447	2,416,135	52.0
Province. { 1889..	21,294,019	984,619	22,278,638	.....	11,485,108	8,451,181	2,342,349	51.5

The assessed rural area of the province is now 22,418,281 acres, which is an increase of 139,643 acres over the figures of the previous year. Several townships became

organised in 1890, and the increase in area assessed in the Northern Districts is 170,305 acres. The acreage of non-resident land is less than in 1889 by 21,464. There are 11,658,699 acres cleared, which is 173,591 additional to that recorded in the previous year, and an increase which is shared by every group. The total increase in cleared lands since 1882, according to the assessors' returns, was 1,485,987 acres or 165,110 acres annually. The highest percentage of cleared land is observed in the Lake Ontario counties, where it rises to 75.6, and the West Midland group comes next with 70.5 per cent. Only 9.9 per cent. is credited to the Northern Districts. The average for the province is 52.0 per cent., which is .5 more than the figures of 1889. The area in swamp, marsh, and waste lands shows an increase. This item has been very imperfectly taken by the assessors and further additions may be expected yearly until errors from this source are eliminated. This specially applies to the newer portions of the province.

AREA IN CROPS. The following table shows the number of acres under staple field crops for each of the five years 1886-90, together with the averages for the last six and nine years. The column for 1885-90 is retained to keep the table uniform with that showing values in Part III. :

Field Crops.	1890.	1889.	1888.	1887.	1886.	1885-90.	1882-90.
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Fall wheat	720,101	822,115	826,537	897,743	886,402	838,006	908,723
Spring wheat.....	601,753	398,610	367,850	484,821	577,465	538,327	569,426
Barley	701,326	875,286	895,432	767,346	735,778	762,174	764,365
Oats	1,882,366	1,923,444	1,849,868	1,682,463	1,621,901	1,750,631	1,643,490
Rye	103,061	90,106	84,087	68,362	67,779	81,948	107,610
Pease	781,206	708,068	696,653	726,756	703,936	710,450	659,685
Corn	223,836	187,116	222,971	163,893	156,494	187,024	190,855
Buckwheat.....	90,111	56,398	57,528	64,143	70,792	66,791	64,936
Beans	39,456	21,830	22,700	20,275	21,072	24,998	24,506
Potatoes	158,094	145,812	153,915	140,283	140,143	149,665	154,919
Mangel-wurzels	25,953	21,211	21,459	17,924	18,170	20,192	19,167
Carrots	11,977	11,261	11,524	9,110	9,267	10,360	10,486
Turnips	111,055	111,103	113,188	105,322	98,931	106,983	102,595
Hay and clover	2,462,002	2,386,223	2,292,638	2,280,643	2,295,151	2,330,791	2,261,664
Total	7,912,297	7,758,583	7,616,350	7,429,084	7,403,281	7,578,340	7,482,427

The steady increase in the total acreage of the staple crops of the province has been continued, the area being 7,912,297 acres, or 153,714 acres more than that of 1889, and considerably above that of any other year. The acreages of fall wheat and barley are less than in any year of the table, while spring wheat has made a tremendous spread compared with the area recorded for the three or four immediately previous. The area of oats, while less than in 1889, exceeds that of any other year. Rye has a wider area than in any of the years 1886-90, but it does not equal its average for the nine years. The remainder of the crops show greater acreages both as compared with the previous year and with their averages for the nine years 1882-90.

These crops together with pasture comprise about 90 per cent. of the cleared land, leaving one-tenth of the improved land to be devoted to orchard and garden, minor crops, etc.

The area devoted to the crops named in the preceding table (and for similar average periods) is here presented by groups of counties :

Year.	Lake Erie.	Lake Huron.	Georgian Bay.	West Midland.	Lake Ontario.	St. Lawrence and Ottawa.	East Midland.	Northern Districts.	The Province.
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
1890	996,955	851,934	696,361	1,539,165	1,669,314	1,474,437	569,117	115,014	7,912,297
1889	949,859	812,757	719,473	1,481,308	1,667,961	1,450,920	582,343	93,962	7,758,583
1888	958,486	801,218	690,243	1,489,263	1,635,315	1,402,502	551,102	88,221	7,616,350
1887	932,076	781,833	656,184	1,455,376	1,609,981	1,371,322	539,460	82,852	7,429,084
1886	920,626	772,120	647,156	1,426,069	1,597,507	1,396,090	562,249	81,464	7,403,281
Average—									
1885-90	946,233	797,097	676,022	1,473,154	1,626,271	1,410,549	558,242	90,772	7,578,340
1882-90	927,502	780,734	666,086	1,460,168	1,614,649	1,390,527	556,620	86,141	7,482,427

The Georgian Bay and East Midland counties are the only groups which fall behind their acreages of the previous year, but all the districts in the table show an increase compared with their respective averages for the terms of six and nine years.

AREA IN PASTURE.—The area in pasture is given in the appended table by county groups and for the province for each of the four years 1887-90, and also the rate of pasture land per 100 acres cleared in 1890 :

Year.	Lake Erie.	Lake Huron.	Georgian Bay.	West Midland.	Lake Ontario.	St. Lawrence and Ottawa.	East Midland.	Northern Districts.	The Province.
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
1890	246,107	339,984	214,561	513,612	369,063	641,597	195,303	21,865	2,542,092
1889	249,623	319,428	221,087	511,618	410,416	685,401	191,194	19,195	2,607,962
1888	239,330	307,879	213,925	504,840	406,620	665,139	179,823	18,048	2,535,604
1887	240,586	296,316	204,903	512,349	404,893	667,034	186,850	16,008	2,528,939
Per cent. of cleared land in 1890	17.6	25.6	20.6	22.4	16.0	27.9	23.3	14.0	21.8

The Lake Huron, West Midland and East Midland groups and the Northern Districts show an increase in the area of pasture land, but the decrease recorded in the other four groups is heavier, the result being a shrinkage of 65,870 acres in the total area in pasture of the province compared with the previous year. The ratio of pasture to cleared land is 21.8 per cent. for the province, ranging from 14.0 in the Northern Districts to 27.9 in the dairying counties of the St. Lawrence and Ottawa group. The figures for these years do not include "bush" pasture.

PROPORTIONAL AREAS UNDER CROP. The relative distribution of the various crops per 1,000 acres of cleared land is given in the following tables by county groups for the years 1889 and 1890, together with the averages for the nine years 1882-90:

Districts.		Fall Wheat.	Spring Wheat.	Barley.	Oats.	Rye.	Pease.	Corn.	Buckwheat.	Beans.	Hay and Clover.	Potatoes.	Mangel-wurzels.	Carrots.	Turnips.	Total.
Lake Erie ...	1890	138.6	16.8	33.7	132.9	10.0	60.2	71.5	8.6	21.7	205.0	10.5	1.2	.7	1.8	713.2
	1889	153.3	4.3	29.3	135.3	9.6	52.6	62.4	6.4	11.0	217.0	9.7	1.2	.6	2.1	694.8
	'82-90	170.6	9.6	30.1	127.7	9.3	47.3	72.6	7.8	12.7	211.0	12.4	1.0	.6	1.7	714.4
Lake Huron .	1890	81.1	22.8	49.9	168.4	1.3	79.0	10.2	1.8	.6	203.7	9.6	2.5	.8	9.5	641.2
	1889	97.7	9.2	53.7	167.3	.8	68.1	7.6	.6	.4	197.5	8.8	2.0	.8	9.9	624.4
	'82-90	122.2	30.3	51.7	151.0	.8	67.5	8.5	1.0	.5	194.8	10.7	2.0	.8	10.5	652.3
Georgian Bay	1890	64.0	67.7	44.5	170.5	3.9	82.6	3.2	1.5	.4	201.4	13.6	1.2	1.1	12.8	668.4
	1889	79.4	52.6	58.8	187.7	2.8	83.8	2.0	.5	.2	205.7	12.6	.7	1.0	12.7	700.5
	'82-90	82.0	77.1	55.0	156.9	3.0	79.8	1.6	.7	.3	195.7	14.0	1.0	1.1	12.6	680.8
West Midland	1890	84.9	31.4	62.0	177.5	2.5	74.5	14.7	1.3	.4	189.1	12.1	3.9	1.1	15.8	671.2
	1889	93.4	14.2	69.1	177.2	2.4	68.1	12.2	.8	.3	184.6	10.2	3.2	1.0	15.4	652.1
	'82-90	117.1	35.9	61.2	155.4	2.3	62.1	12.9	1.1	.6	186.5	12.2	2.9	1.0	15.9	667.1
Lake Ontario.	1890	53.5	85.0	111.6	142.2	12.3	78.8	15.1	11.9	1.1	181.5	14.6	2.6	1.3	14.1	725.6
	1889	64.4	54.0	155.3	143.1	13.4	71.7	14.0	7.8	.8	178.2	13.4	2.5	1.4	14.5	734.5
	'82-90	71.4	74.2	131.7	127.8	14.6	67.6	13.4	7.4	.9	181.4	14.1	2.3	1.3	13.0	721.1
St. Lawrence and Ottawa.	1890	4.3	54.6	34.6	178.8	12.9	37.2	12.5	14.5	1.6	268.7	16.7	1.1	.9	2.3	640.7
	1889	5.5	46.6	44.4	191.5	9.7	36.1	9.5	9.7	1.3	260.7	16.6	.8	.7	2.0	635.1
	'82-90	7.6	54.3	44.1	176.3	15.8	42.8	8.8	12.8	1.5	255.3	17.8	.8	.7	1.9	640.5
East Midland	1890	27.7	91.5	72.4	146.4	22.5	66.8	11.4	11.2	.9	200.8	15.1	2.7	1.2	7.3	677.9
	1889	39.2	71.4	111.9	168.7	17.1	63.2	10.2	5.5	.6	190.6	16.1	1.8	1.1	8.9	706.3
	'82-90	34.4	92.9	104.6	145.7	23.5	64.4	9.0	7.0	.7	192.5	15.5	1.5	1.0	7.1	699.8
Northern Districts ...	1890	5.8	47.8	14.3	171.7	5.8	78.4	2.5	6.3	.7	363.9	25.7	.3	1.2	13.9	738.3
	1889	5.3	50.7	11.7	187.3	7.4	75.3	2.9	2.9	.8	348.6	25.0	.6	1.1	18.0	737.6
	'82-90	4.9	77.4	15.8	163.4	8.2	72.0	3.0	4.6	.7	362.6	25.6	.7	1.2	18.3	758.4
The Province.	1890	61.8	51.6	60.2	161.5	8.8	67.0	19.2	7.7	3.4	211.2	13.6	2.2	1.0	9.5	678.7
	1889	71.6	34.7	76.3	167.6	7.9	61.7	16.3	4.9	1.9	208.0	12.7	1.8	1.0	9.7	676.1
	'82-90	82.7	51.9	69.6	149.7	9.8	60.1	17.4	5.9	2.2	205.9	14.1	1.7	1.0	9.3	681.3

The figures for the province show that out of every 1,000 acres cleared 678.7 are under crops specified, an increase of 2.6 acres compared with the ratio of the previous year, yet 2.6 less than the average for the nine years. The Georgian Bay, Lake Ontario and East Midland groups fall below their respective figures for 1889, and the West Midland, Lake Ontario and St. Lawrence groups are the only districts which surpass their proportion per 1,000 acres for the term 1882-90. For the province a decrease over the previous year is noticed in three staple crops, fall wheat, barley and oats, and also in turnips, carrots remaining the same, while every other crop shows an increase. The Lake Erie counties lead the other groups in the proportional area of fall wheat, corn and beans, the Georgian Bay in pease, the West Midland in mangel-wurzels and turnips, the Lake Ontario in barley and carrots, the St. Lawrence and Ottawa in oats and buckwheat, the East Midland in spring wheat and rye, while the Northern Districts, as usual, are away ahead in hay and clover and potatoes.

FALL WHEAT.

Correspondents writing in November, 1889, stated that owing to the drouth the condition of the ground was such that it was next to impossible to prepare stubble land for seeding. The most unfavorable reports came from the south-western counties, where the land had been exceedingly dry, hard and lumpy. It was stated, also, that a considerable portion of the seed had failed to germinate owing to a lack of sufficient moisture. A better tone was apparent in the reports from the midland and eastern counties, as there the soil was generally in good condition at seeding, and summer fallowed lands were looking very well. The young wheat was regarded as fairly healthy, but rather backward owing to slow growth, and fears were expressed that it had hardly made sufficient head to enable it to stand the rigors of winter. The presence of the wire-worm was occasionally mentioned in some of the eastern counties. In the spring the crop was reported as presenting a very uneven condition throughout the province. Some fields were exceptionally fine and others unusually poor in the same township and sometimes on the same farm, according to the soil, cultivation and physical aspect of the country.

The May bulletin contained the following summary of the condition of the crop: Throughout the west seeding was driven late into the fall on account of the drouth, and the acreage was somewhat reduced thereby. When winter set in the crop had hardly made sufficient headway to stand the alternate freezing and thawing of the mild winter which followed, with insufficient snow to protect the young plants. On this account the crop suffered more or less from winter-killing, and in the extreme west it was uneven and poor. Considering all these unfavorable conditions, however, the crop in other portions of the province may be said to have wintered better than was expected, particularly in Huron, Bruce and Brant, but the night frosts and cold, dry northerly winds and rains, commencing in February and continuing late into the spring, played havoc with the crop and greatly reduced its vitality and retarded its growth. On low, loamy soils the condition of the crop was very unpromising on account of the action of the frost, being patchy and delicate, but on light, rich loams where well underdrained, and especially where protected by bush or the lay of the land, and where the crop was got in early and the land well prepared, it generally presented a fine appearance. This was especially the case in Norfolk, Welland, Huron, Brant and a few other counties, while the worst reports came from Essex, Kent, Lambton, Lincoln and Halton. In these latter counties, Essex and Lambton more particularly, considerable fall wheat land was plowed up and seeded anew, and in many instances spring wheat was harrowed into bare patches amongst the fall wheat. The crop was considered backward in May, but little or no injury from insects had been reported.

A more cheerful state of affairs was outlined in the August bulletin, which reported that fall wheat throughout almost the whole of Western Ontario was of good quality and in every respect an unusually fine crop. In the Georgian Bay, Lake Huron and West Midland counties the crop was almost invariably reported good, notwithstanding the loss by winter-killing. In the counties east of Kingston and along the Ottawa river, where the acreage is rather small, the reports regarding both yield and quality were encouraging. While the great majority of correspondents made no mention of damage to the crop by drouth or insects, reports of slight injury by weevil and midge were made by a few correspondents in nearly every section of the province. The excessive rains of spring were followed by great heat, which brought on such a rush of growth that much rust and shrinkage was expected, but the damage was said to be slight, and it was thought that the sample would not be materially affected. The berry was generally reported plump, the straw bright and the crop the best for years. Cutting began from the 10th to the 15th of July in the more advanced counties, from the 15th to the 20th throughout most of western Ontario, and from the 25th of July to the 1st of August in the district east and north of Kingston. Harvesting weather was very favorable and the crop was housed in excellent condition.

In the reports sent in by correspondents in November the quality of fall wheat was more favorably commented upon than that of any other cereal, and many instances were given where the grain had gone some pounds per bushel over the standard

weight. The actual results of the threshing, however, showed that the crop did not average quite as high a yield per acre as was expected at the time of cutting. The following table shows the acreage and yield by county groups and for the province in each of the years 1889 and 1890, together with the average for the nine years 1882-90 :

Districts.	1890.			1889.			Yearly average for the nine years 1882-90.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Lake Erie	193,716	3,635,817	18.8	209,474	3,155,221	15.1	221,505	4,084,244	18.4
Lake Huron.....	107,765	2,247,001	20.9	127,201	1,811,876	14.2	146,249	2,825,766	19.3
Georgian Bay	66,705	1,206,527	18.1	81,508	1,336,949	16.4	80,232	1,622,787	20.2
West Midland.....	194,682	4,289,221	22.0	212,155	3,264,999	15.4	256,339	5,056,093	19.7
Lake Ontario.....	123,101	2,308,261	18.8	146,250	2,686,377	18.4	159,930	3,205,887	20.0
St. Law. and Ottawa..	9,952	159,925	16.1	12,521	231,359	18.5	16,543	296,073	17.9
East Midland.....	23,276	404,429	17.4	32,329	504,664	15.6	27,371	534,163	19.5
Northern Districts....	904	16,202	17.9	677	10,420	15.4	554	10,527	19.0
Totals.....	720,101	14,267,383	19.8	822,115	13,001,865	15.8	908,723	17,635,540	19.4

The area of fall wheat in the province in 1890 is only 721,101 acres, being 102,014 less than that of the previous year and 188,622 less than the average for the nine years 1882-90—a very heavy decrease in so important a crop. The falling off in acreage is general, being observed in every group except the Northern Districts, where the area is a trifling one at the best. The average yield per acre of the province, however, is a very good one, being 19.8 bushels, or 4 bushels more than the figures for the nine years, and 4.0 bushels more than the average yield for 1889. To this last fact is due the result that notwithstanding the great shrinkage in acreage the total yield for the province is 1,265,518 bushels more than that of 1889, although it falls greatly below the average gross yield for the nine years. The West Midland group, which has the largest acreage, also has the best yield per acre, the average for these counties being 22.0 bushels. The St. Lawrence and Ottawa group gives the lowest average yield, being only 16.1 bushels per acre. The Lake Erie, Lake Huron and West Midland groups each exceed their total yield of the previous year, and so, of course, do the newer Northern Districts, but not one of the old groups equals its average total yield for the nine years period.

THE NEW CROP OF FALL WHEAT. There has been a considerable increase in acreage, and the condition of the ground at the time of sowing, except on clay land which was rather dry and stiff, was most suitable for a good start. The general appearance of the fields as correspondents wrote was such as to evoke frequent expressions of admiration. The chief cause for fear lay in the fact that the plant had made rather too rank a growth. Scattering mention was made of injury by the Hessian fly on early sown fields, and the wire worm and white grub were reported in a few localities, but the prevailing opinion was that a better outlook for the new crop of fall wheat had never been reported during the first week of November.

SPRING WHEAT.

The August bulletin, which was made up from reports sent in on or before the 12th of that month, stated that it would not be safe at that date to assert that the crop of spring wheat would be better than an average, for although the figures submitted as the anticipated yield averaged slightly above the standard, the reports of the condition of the crop by the same authorities were not so encouraging. When correspondents wrote harvesting had not been completed except in a very few of the more advanced townships, while in the counties where most of the spring wheat is grown a large proportion of the grain was at least a week from maturity, and its condition depended much upon the state of the weather between that time and the harvest. A majority of the correspondents declared the crop to be "fair" or "promising," and generally good on high land, but there was an almost unanimous complaint of much injury to low-lying wheat from the wet, cold and late spring. In some localities a blight which reddened the leaves was complained of, and in the central counties midge and weevil were accredited with doing much damage, but the majority of reports agreed that the crop had suffered but little from insects or drouth. The bearded varieties, especially Colorado, seemed to be most in favor, and White Russian, French Imperial and Wild Goose were more commended than the Fyfe seed wheats, whether of Scotch or Manitoba growth.

The November bulletin had a lugubrious tone when it spoke of spring wheat. It stated that the crop was a comparative failure, for while in some cases a good yield of fair quality was reported, the majority of correspondents spoke of a light return much below the standard weight. In the lake districts the midge did injury in addition to rust, and in the St. Lawrence and Ottawa counties the joint worm left evil effects. The following table gives figures of acreage and yield for 1889 and 1890, and also the average for the nine years 1882-90 :

Districts.	1890.			1889.			Yearly average for the nine years 1882-90.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Lake Erie	23,548	310,647	13.2	5,911	85,803	14.5	12,421	181,356	14.6
Lake Huron	30,245	469,332	15.5	11,966	149,081	12.5	36,262	501,582	13.8
Georgian Bay	70,508	934,079	13.2	54,014	737,749	13.7	75,406	1,092,334	14.5
West Midland	72,049	1,192,801	16.6	22,206	426,573	13.2	78,662	1,164,069	14.8
Lake Ontario	195,498	2,323,621	11.9	122,676	1,841,946	15.0	166,151	2,638,523	15.9
St. Law. and Ottawa.	125,660	1,407,723	11.2	106,498	1,559,737	14.6	117,826	1,884,084	16.0
East Midland	76,801	936,894	12.2	58,882	782,276	13.3	73,905	1,060,093	14.3
Northern Districts ..	7,444	108,808	14.6	6,457	114,542	17.7	8,793	157,786	17.9
Totals	601,753	7,683,905	12.8	398,610	5,697,707	14.3	569,426	8,679,827	15.2

An increase in the acreage of this crop is seen in every county group, the area of spring wheat in the province being 203,143 acres more than in 1889, or an increase of 51 per cent. Although the acreage is larger than the average for the nine years, the small yield of 12.8 bushels per acre in 1890 does not permit the total yield of the province to equal its average for the period of 1882-90, for which term the average yield per acre was 15.2. The total yield of 1890, however, is 1,986,198 bushels more than that of the previous year. The best average yield is noted in the West Midland counties, being 16.6 bushels, and in the Lake Huron group the average is 15.5 bushels, but the Lake Ontario, St. Lawrence and Ottawa and East Midland groups fall below the average for the province. Notwithstanding a largely augmented acreage there is a falling off in the total yields of the St. Lawrence and Ottawa group and the Northern Districts compared with their respective yields of the previous year.

BARLEY.

Although the report concerning barley contained in the August bulletin was more or less anticipative, it proved to be so accurate in the main that it is here quoted in full : "Barley is somewhat light in yield and uncertain in color, so that taking into account the decreased area under cultivation the crop is likely to be 4,000,000 bushels less than the average, and probably not a great deal will rank firstclass. The wet, cool spring followed by the dry, hot weather at maturing time did a considerable amount of damage to this cereal, and unfortunately as the harvesting weather has been somewhat unfavorable in many localities, the grain has been discolored by rain both before and after cutting. The early varieties escaped this misfortune to a large extent, but otherwise the crop has suffered very generally to a greater or less degree. But a large proportion of the crop had still to be cut at the time of reporting, and it is difficult to state its precise condition in this respect. This was largely the case in the northern and eastern counties of the province, and it is to be hoped that the harvest has there been secured in a satisfactory condition. Reports respecting the imported two-rowed barley—of which small samples were sown by many farmers—are perhaps about equally divided for and against. It has been ascertained that this variety is from a week to ten days later in maturing than the ordinary six-rowed barley, but as it had been cut in hardly a single instance it was difficult to express a definite or reliable opinion upon it, and the reports are very guarded in this respect. So far however the evidence does not warrant the belief that it is in any marked degree superior to the ordinary varieties, in spite of the fact that it has been favored by a season of unusual rainfall and slow growth."

The November bulletin confirmed the reports of a considerable discoloration of barley, more especially among the late sown. In that bulletin, also, it was stated that there was a divided house on the question of the two-rowed barley which was being tested for the British market. While a few glowing accounts were given as to yield and quality, by far the greater number of returns classed it as no better than the six-rowed variety, and it has the disadvantage of taking from a week to ten days longer to mature. The result of the threshing proved that the yield was even lighter than was anticipated in August. Following is a comparison of acreage and yield by county groups and for the province for 1889, 1890 and the nine years 1882-90 :

Districts.	1890.			1889.			Yearly average for the nine years 1882-90.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Lake Erie.....	47,045	966,480	20.5	40,070	964,925	24.1	39,041	959,400	24.6
Lake Huron	66,347	1,613,851	24.3	69,908	1,734,729	24.8	61,895	1,643,581	26.6
Georgian Bay	46,358	1,119,210	24.1	60,443	1,535,281	25.4	53,823	1,358,320	25.2
West Midland	142,206	3,806,364	26.8	156,880	4,533,985	28.9	134,015	3,790,844	28.3
Lake Ontario	256,753	5,268,439	20.5	352,678	9,760,205	27.7	294,777	7,637,001	25.9
St. Law. and Ottawa.	79,616	1,569,872	19.7	101,545	2,461,962	24.2	95,812	2,292,100	23.9
East Midland	60,772	1,208,642	19.9	92,272	2,361,746	25.6	83,204	1,982,368	23.8
Northern Districts ..	2,229	47,311	21.2	1,490	33,555	22.5	1,798	42,120	23.4
Totals	701,326	15,800,169	22.2	875,286	23,386,388	26.7	764,365	19,705,734	25.8

Only 701,326 acres have been given to barley, which is 173,960 acres less than in 1889, and a decrease of 63,039 acres compared with the average for the nine years 1882-90. The average yield per acre for the province is unusually light, being but 22.2 bushels, as against 26.7 bushels in the previous year and 25.8 bushels for the nine years period. The total yield is therefore an exceedingly small one, being 7,786,219 bushels less than in 1889, and, as was predicted in the August bulletin, fully 4,000,000 bushels below the

average for the term of years. The decrease in acreage occurred in every group excepting the Lake Erie counties and the Northern Districts, but in the last named group the area is merely a nominal one. The West Midland counties average 26.8 bushels per acre (they also show the best average yield in 1889 and for the nine years), but no other group reaches the provincial average for either 1890 or the nine years. The poorest average yields are this year observed in the St. Lawrence and Ottawa and East Midland groups, neither of which reach 20 bushels to the acre.

OATS.

At the time correspondents wrote their reports for the August bulletin the oat harvest was only commencing, except in the south-western counties of the province, where operations were well under way. The opinion was generally expressed that the yield would be a light one, both in regard to pounds to the bushel and bushels to the acre. The straw was also described as rather short. As in the case of barley, the crop suffered severely from the wet and backward spring and the heat and drouth which followed. These conditions, together with a red, rusty blight which, attacked the crop very early in the summer, appear to have been the chief sources of injury. The largest amount of damage from all causes was reported from the southern lake shore counties, while in more northerly districts—particularly in the counties of Huron, Bruce, Grey and Simcoe—its condition was considered up to the average. In these counties the greater portion of the crop was still unripe at the time of reporting, but it presented a fine appearance, having largely recovered from the effects of the blight. Early varieties on well drained land have been most successful.

According to the November reports the oat crop proved a great disappointment, as the yield was not so large as was hoped for, and the berry was also quite small and light. The straw was considerably rusted, which injured it for feeding purposes. The blight left evil effects in various sections both east and west. The acreage and yield in 1889 and 1890, and the average for the nine years 1882-90, are as follows:

Districts.	1890.			1889.			Yearly average for the nine years 1882-90.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Lake Erie	185,806	4,429,838	23.8	184,964	5,916,841	32.0	165,776	5,877,415	35.5
Lake Huron ..	223,749	6,507,605	29.1	217,777	6,636,698	30.5	180,804	6,286,961	34.8
Georgian Bay .	177,625	5,320,863	30.0	192,786	6,293,753	32.6	153,496	4,997,150	32.6
West Midland .	406,897	12,618,834	31.0	402,619	14,992,059	37.2	340,093	12,756,012	37.5
Lake Ontario ..	327,206	9,215,067	28.2	324,884	11,870,318	36.5	286,131	10,276,569	35.9
St. L. & Ottawa.	411,408	10,530,752	25.6	437,487	13,171,243	30.1	382,761	12,198,526	31.9
East Midland .	122,936	3,428,369	27.9	139,070	4,730,060	34.0	115,867	3,599,451	31.1
Nor'n. Districts.	26,739	716,879	26.8	23,857	735,329	30.8	18,562	574,192	30.9
Totals.....	1,882,366	52,768,207	28.0	1,923,444	64,346,301	33.5	1,643,490	56,566,276	34.4

The oat crop falls behind its record of 1889 in both area and yield, the acreage being less by 41,078 and the total yield 11,578,094 bushels below that of the previous year. The fact that the average yield per acre was 5.5 bushels per acre more in 1889 than in 1890, however, has more to do with the shortage of the crop than the narrowing of the area has. Although the average acreage for the nine years was less than the area reported in 1890 the average total yield was greater, owing to the fact that the average yield per acre for 1882-90 was 34.4 bushels as against the lean record of 28.0 bushels in

the present year. Of the eight groups, five show a slight increase in acreage, but the decrease in the Georgian Bay, St. Lawrence and Ottawa and East Midland counties is greater by the figures already quoted. The highest average yield per acre is observed in the West Midland group, but even there it reaches only 31.0 bushels, which is 3.4 bushels below the average of the province for the nine years. In the Lake Erie group the average yield per acre was only 23.8 bushels, and in the St. Lawrence and Ottawa counties, where the acreage of oats is the greatest in the province, the average yield per acre is 25.6 bushels.

THE OAT BLIGHT. Prof. Panton, of the Agricultural College, was consulted respecting the blight on oats referred to by correspondents, and in a report on the subject to the Bureau he says: "Some time ago samples of affected grain were sent to me from the eastern part of the province, and I also noticed similar conditions elsewhere. It at first appeared as if an insect was the cause of the trouble, but in the specimens examined I saw none. Some observers have noticed in samples the pupa cases of the Hessian fly, but not in such numbers as to account for so general a blight upon the grain. In the cases where rust affected the blades, it is likely that this resulted after the plant had become weakened and its vitality so impaired as to render it liable to attack by a parasitic plant like rust. It seems to me that the trouble is due more to climatic conditions, such as frost or excessive moisture, than to insects or to parasitic plants, and at present I am inclined to the view that excessive moisture was largely to blame. As far as I can learn no definite conclusion has been arrived at regarding the cause of the blight, although it has commanded a good deal of attention both in Canada and the United States."

RYE.

The condition of this crop in May was reported as generally satisfactory. It had suffered more or less from winter killing, but not to such an extent as to impair the prospect for an average crop. Its growth, however, was a little backward in the east, where it is chiefly raised. According to the August bulletin rye had given a fair yield throughout the province wherever grown, and had already been well secured in most cases. In eastern Ontario, however, it was somewhat light on the ground, owing, it was said, to winter killing. What little mention was made of rye in the November reports was favorable. The acreage devoted to the cultivation of this crop, however, is very small, and it now holds a position of little more than local importance in the province. Following is a table showing the acreage and yield for 1890 and the previous year, and also the average for the years 1882-90.

Districts.	1890.			1889.			Yearly average for the nine years 1882-90.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Lake Erie.....	13,994	201,896	14.4	13,142	161,139	12.3	12,011	185,714	15.5
Lake Huron.....	1,732	32,648	18.8	981	17,758	18.1	979	17,297	17.7
Georgian Bay	4,069	61,822	15.2	2,903	52,181	18.0	2,947	52,602	17.8
West Midland	5,649	93,785	16.6	5,449	78,643	14.4	5,110	83,943	16.4
Lake Ontario.....	28,273	386,172	13.7	30,548	458,854	15.0	32,722	483,038	14.8
St. Law. and Ottawa...	29,576	475,333	16.1	22,072	425,818	19.3	34,224	611,487	17.9
East Midland.....	18,858	294,881	15.6	14,074	220,020	15.6	18,681	292,023	15.6
Northern Districts.....	910	16,808	18.5	937	17,266	18.4	936	18,060	19.3
Totals.....	103,061	1,563,345	15.2	90,106	1,431,679	15.9	107,610	1,744,164	16.2

The area of rye, while 12,955 acres more than in the previous year, is 4,549 acres less than the average for the nine years 1882-90. The average yield for the year is 15.2 bushels, being .7 bushels less than in 1889, and exactly a bushel below the standard for the nine years. A decrease in the acreage is noticed in the Lake Ontario group and in the Northern Districts, but every other group shows an increase. The crop however, is not likely to increase very much in importance.

PEASE.

August reports concerning pease indicated that the crop would be a fair though rather uneven one. It suffered more than any other crop from the rains of May and June, and on low clay lands it was almost a failure. The straw was afterwards scalded by the hot, dry weather which followed, and this throughout the Lake Erie counties appeared to have materially checked the growth of the vine and the filling of the pods. The crop was pronounced a very poor one in that district, but throughout the rest of the province the yield promises to be not much behind the average. In the south-west a large portion of the pea crop had been harvested as correspondents wrote, and it was said to have been secured in good condition; elsewhere operations were just about to commence. In the older portions of the province, notably in Essex, Kent and parts of Middlesex, the bug was more injurious than usual, but in other sections the pest had not extended its operations to any marked extent. Worms were also reported as doing injury in Huron, Bruce and Grey.

In the November bulletin it was stated that pease had been attacked in nearly every district by the bug, but the least complaints regarding the pest came from the river counties. While the crop suffered much from rain on low and undrained lands, on high and sandy soils a good yield was the rule. The table following gives the acreage and yield for 1889 and 1890, together with the average for the nine years 1882-90:

Districts.	1890.			1889.			Yearly average for the nine years 1882-90.		
	Acres.	Bushels.	Bush. per. acre.	Acres.	Bushels.	Bush. per. acre.	Acres.	Bushels.	Bush. per. acre.
Lake Erie	84,196	1,262,693	15.0	71,837	1,243,765	17.3	61,462	1,135,017	18.5
Lake Huron	104,950	2,223,672	21.2	88,652	1,629,066	18.4	80,766	1,763,329	21.8
Georgian Bay	86,074	1,868,911	21.7	86,065	1,889,918	22.0	78,021	1,668,356	21.4
West Midland	170,901	3,284,924	19.2	154,671	2,697,323	17.4	135,828	2,889,896	21.3
Lake Ontario.....	181,216	3,538,243	19.5	162,758	3,029,343	18.6	151,278	2,997,392	19.8
St. Law. and Ottawa ..	85,596	1,717,316	20.1	82,426	1,677,185	20.3	92,949	1,802,716	19.4
East Midland	56,064	1,223,871	21.8	52,067	1,122,888	21.6	51,207	973,799	19.0
Northern Districts.....	12,209	269,683	22.1	9,592	219,749	22.9	8,174	187,619	23.0
Totals.....	781,206	15,389,313	19.7	708,068	13,509,237	19.1	659,685	13,418,124	20.3

This crop continues to grow in favor, an increase in the acreage being observed in every county group compared with the previous year, amounting in all to 73,138 acres. The yield per acre for the province, while .6 bushels higher than that of 1889, is .6 bushels lower than the average for the nine years 1882-90. The total yield is 1,880,076 bushels more than that of the previous year. The average yield per acre for the nine years is exceeded in the Lake Huron, Georgian Bay and East Midland groups and in the Northern Districts, but in the Lake Erie counties the remarkably small yield of 15.0 bushels per acre is returned. The largest acreage is found in the Lake Ontario group, and the crop is also very popular in the West Midland and Lake Huron counties.

INDIAN CORN.

When the August returns were sent in by correspondents there were indications of a favorable crop in Essex and Kent, the corn region of the province, and in parts of Elgin, Lambton and Middlesex. In the counties fronting on the lakes, between Elgin and Halton, the prospects were not so good, but elsewhere, and especially in the eastern part of the province, it was believed there would be an abundant supply of fodder corn. The crop was rather backward, however, owing to the wet seeding time and the cool spell which followed it. These conditions combined did a large amount of injury in the western corn district, where in a number of instances seed had to be planted a second time. The general drouth which set in later was also adverse to the growth, but the showery weather in the early part of August improved the condition of the crop, so that it was said to have recovered itself in large measure.

The November bulletin characterised the quality of corn as below the average. Owing to rainy weather it was rather soft and there was a tendency to mould in the crib. The acreage and yield for 1890 and the previous year are given in the following table by county groups and for the province, together with the average for the eight years 1882-90 :

Districts.	1890.			1889.			Yearly average for the eight years 1882-90.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Lake Erie	99,914	6,696,013	67.0	85,284	3,899,376	45.7	93,848	6,516,708	69.4
Lake Huron.....	13,590	793,611	58.4	9,877	402,988	40.8	9,831	597,472	60.8
Georgian Bay ...	3,346	182,062	54.4	2,003	96,414	48.1	1,539	81,650	53.1
West Midland.....	33,590	2,092,447	62.3	27,657	1,338,581	48.4	27,436	1,775,427	64.7
Lake Ontario.....	34,692	1,948,478	56.2	31,842	1,733,524	54.4	28,779	1,689,691	58.7
St. Law. and Ottawa.	28,764	1,792,316	62.3	21,679	1,326,955	61.2	19,195	1,094,587	57.0
East Midland	9,549	491,469	51.5	8,404	433,625	51.6	6,979	356,862	51.1
Northern Districts...	391	14,785	37.8	370	16,736	45.2	325	13,124	40.4
Totals.....	223,836	14,011,181	62.6	187,116	9,248,199	49.4	187,932	12,125,521	64.5

Corn in the ear is raised chiefly in the Lake Erie counties, where 99,914 acres, or about 45 per cent. of the entire corn area of the province, are given to the crop. The total acreage of corn is 36,720 more than in 1889, and every group has helped to swell the increase. The average yield per acre of the province while very far ahead of that of the previous year of failure, falls 1.9 bushels below the average for the eight years. The average yield of 67.0 bushels per acre in the Lake Erie group is 2.5 bushels more than the provincial average for 1882-90, but falls short by 2.4 bushels of its own record for the eight years. The total yield of the province, 14,011,181 bushels, looks large compared with that of the poor corn year of 1889, or even with the average for the eight years, but it is 3,425,599 bushels less than the magnificent yield of 1888.

BUCKWHEAT.

Correspondents had very little to say about buckwheat. This crop commands but a very limited area, being confined chiefly to a few counties in the Lake Erie, Lake Ontario and St. Lawrence and Ottawa groups, and the county of Hastings. The yield per acre was reported above the average, and the quality was described as good. The frost touched

the crop slightly. The acreage and yield for 1889 and 1890, and also the average for 1882-90, is given in the following table:

Districts.	1890.			1889.			Yearly average for the eight years 1882-90.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Lake Erie.....	12,029	253,371	21.1	8,773	164,100	18.7	10,006	202,051	20.2
Lake Huron.....	2,419	38,257	15.8	720	13,008	18.1	1,130	21,056	18.6
Georgian Bay	1,522	28,094	18.5	464	7,581	16.3	746	12,962	17.4
West Midland.....	2,990	59,942	20.0	1,743	32,473	18.6	2,322	45,490	19.6
Lake Ontario.....	27,280	605,902	22.2	17,614	344,931	19.6	17,044	373,858	21.9
St. Law. and Ottawa.	33,488	825,706	24.7	22,149	596,859	26.9	27,330	649,612	23.8
East Midland	9,402	219,012	23.3	4,569	104,831	22.9	5,499	123,708	22.5
Northern Districts...	981	23,436	23.9	366	8,795	24.0	500	12,621	25.2
Totals.....	90,111	2,053,720	22.8	56,398	1,272,578	22.6	64,577	1,441,358	22.3

The total area of 90,111 acres is 33,713 acres greater than that of the previous year, and 25,534 acres more than the average for the eight years. Every county group shows an increase in the acreage. This, together with the fact that the average yield per acre is .2 bushel more than in 1889, and .5 bushel more than the average for 1882-90, explains the largely augmented total yield.

BEANS.

Heavy rains delayed planting, and the crop was consequently in a rather backward condition when correspondents wrote in August. On well selected soils where care had been bestowed on their culture, beans were reported as giving excellent promise, notwithstanding the drouth of July, but lack of moisture told heavily against the crop on clay soils. In the few localities in eastern Ontario where beans are specially grown a splendid crop was anticipated. The autumn report concerning the crop was to the effect that it was hardly a fair yield, and that on account of wet weather it was late in ripening and difficult to gather. Very late beans were slightly affected by frost. The acreage and yield for 1889 and 1890, together with the average for the eight years 1882-90, are as follows:

Districts.	1890.			1889.			Yearly average for the eight years, 1882-90.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Lake Erie.....	30,323	585,846	19.3	15,069	232,362	15.4	16,522	319,709	19.4
Lake Huron.....	729	11,278	15.5	473	8,662	18.3	577	11,783	20.4
Georgian Bay	429	8,424	19.6	215	4,300	20.0	240	4,426	18.4
West Midland.....	917	17,033	18.6	695	13,297	19.1	1,071	22,083	20.6
Lake Ontario.....	2,530	44,739	17.7	1,741	32,632	18.7	2,084	44,071	21.1
St. Law. and Ottawa.	3,660	75,209	20.5	2,999	70,656	23.6	3,207	76,181	23.8
East Midland	757	16,491	21.8	533	7,914	14.8	556	10,748	19.3
Northern Districts...	111	2,321	20.9	105	2,070	19.7	74	1,540	20.8
Totals.....	39,456	761,341	19.3	21,830	371,893	17.0	24,331	490,541	20.2

Fully three-fourths of the bean area is to be found in the Lake Erie group, where 30,323 acres (over double its own acreage of last year) are returned for the crop, the county of Kent alone now devoting nearly 25,000 acres to beans. The average yield per acre of this great bean growing group of counties is exactly the same as that for the remainder of the province, which is 19.3 bushels, being 2.3 bushels more than in the previous year, but .9 bushel below the average for the eight years. The total area of beans is 17,626 acres greater than that of 1889, and 15,254 acres of this increase is noted in the Lake Erie group. The total yield for the province is over double that of the preceding year.

FIELD ROOTS.

Thunder storms in midsummer, quickly followed by unusually hot weather, got the soil into a rather baked condition, and threatened the success of turnips, mangels and carrots. Frequent rains in the early part of the growing season also fostered weeds to an unusual extent, which rendered the cultivation of roots exceedingly difficult. In the autumn bulletin correspondents (under date of November 10) wrote that the recent fine weather had generally been taken advantage of by farmers to raise and house roots of all kinds, and that it was likely that these crops would be saved in good condition.

POTATOES. The August bulletin stated that low lands, owing to the copious rains of spring, proved bad for potatoes, much of the seed having rotted. On high and well-drained soils a more cheering condition was reported. Premature ripening of the vines was complained of in various sections, but more especially in the eastern part of the province. Several correspondents writing in August expressed a fear that the tubers would be under-sized, and according to the November bulletin their fears were realised, for potatoes were therein described as "light in yield and small in sample." The crop did best on the lighter soils, but was almost a failure on clay lands. In the south-western counties it was reported as below the average in yield and small in size, but of fair quality, and little rot was complained of. The best reports regarding quality and general condition came from the Georgian Bay and West Midland counties, but even in these groups the rot was prevalent. In fact, rot was complained of from all quarters, and as it is not always prevented by housing it was feared that the net yield might be still further diminished by the spring. The following table gives the acreage and yield for 1889 and 1890, and also the average for 1882-90:

Districts.	1890.			1889.			Yearly average for the nine years 1882-90.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Lake Erie.....	14,640	1,156,746	79.0	13,295	836,971	63.0	16,098	1,700,152	105.6
Lake Huron.....	12,706	1,321,519	104.0	11,422	1,048,661	91.8	12,782	1,451,802	113.6
Georgian Bay.....	14,211	2,071,965	145.8	12,974	1,397,613	107.7	13,687	1,747,484	127.7
West Midland.....	27,821	3,255,232	117.0	23,228	1,958,035	84.3	26,746	3,119,141	116.6
Lake Ontario....	33,670	3,251,595	96.6	30,545	2,928,942	95.9	31,656	3,486,483	110.1
St. Law. and Ottawa.	38,335	4,477,866	116.8	37,938	3,870,337	102.0	38,737	4,811,710	124.2
East Midland.....	12,711	1,442,281	113.5	13,225	1,781,113	134.7	12,310	1,511,123	122.8
Northern Districts...	4,000	583,913	146.0	3,185	533,857	167.6	2,903	433,321	149.3
Totals.....	158,094	17,561,117	111.1	145,812	14,355,529	98.5	154,919	18,261,216	117.9

The area of potatoes is 12,282 acres greater than that of 1889, and the average yield per acre is 12.6 bushels more, which means an increase in the total yield of 3,205,588 bushels. The total yield of 1890, however, falls 700,099 bushels short of the average for 1882-90, in spite of the increased acreage, owing to the fact that the average yield of 111.1 bushels per acre is 6.8 bushels below the average for the nine years. Compared with 1889, the East Midland is the only group revealing a decrease in the acreage. The average yield of 146.0 bushels per acre in the Northern Districts is a tribute to the richness of the virgin soil in the new settlements, yet the return falls short by 3.3 bushels of the average yield per acre of that group for the years 1882-90. The Lake Ontario and St. Lawrence and Ottawa counties, as usual, have the largest acreages of potatoes, but the first-named group has an average yield per acre of only 96.6 bushels, which is not as bad, however, as that of the Lake Erie counties, where only 79.0 bushels per acre are returned. The yield in the Lake Huron counties is also below the average of the province for the year.

MANGEL-WURZELS. Although mangels suffered considerably by the hot weather immediately following heavy rains, the crop on the whole turned out to be a splendid one, being of good quality and much above the average yield. As the acreage had been considerably increased and the crop was well housed, the season of 1890 may be regarded as a most successful one for mangel-wurzels. The following is a comparative table of acreage and yield for 1889, 1890, and 1882-90 :

Districts.	1890.			1889.			Yearly average for the nine years 1882-90.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Lake Erie.....	1,607	701,312	436	1,666	491,490	295	1,323	514,130	389
Lake Huron.....	3,370	1,562,735	464	2,638	945,326	358	2,394	1,036,984	433
Georgian Bay.....	1,229	497,619	405	770	321,398	417	1,007	419,287	416
West Midland.....	8,946	4,203,084	470	7,223	2,200,121	305	6,229	2,792,532	448
Lake Ontario.....	6,027	2,756,943	457	5,594	2,036,926	364	5,181	2,270,311	438
St. Law. and Ottawa.	2,447	922,461	377	1,735	619,419	357	1,715	633,037	369
East Midland.....	2,276	933,584	410	1,513	590,423	390	1,237	490,516	397
Northern Districts...	51	16,780	329	72	18,375	255	81	21,148	261
Totals.....	25,953	11,594,518	447	21,211	7,223,478	341	19,167	8,177,945	427

The crop continues to grow in the good opinion of agriculturists, except in the Lake Erie counties and the Northern districts, where mangels are never extensively raised. Not only is there an increase in acreage, but the average yield per acre for the province is far ahead of that of the previous year and also of that of the term 1882-90. The average yield of the province for the nine years is this year exceeded in the Lake Erie, Lake Huron, West Midland and Lake Ontario groups.

CARROTS. The yield of carrots was better than ordinary, and the remarks concerning mangel-wurzels might be repeated as applying to this crop also. Carrots are

evidently coming into favor again. The following table gives the acreage and yield by county groups :

Districts.	1890.			1889.			Yearly average for the nine years 1882-90.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Lake Erie.....	982	299,056	305	882	204,078	231	717	200,722	280
Lake Huron.....	1,048	371,141	354	1,047	286,000	273	1,003	351,411	350
Georgian Bay.....	1,145	417,300	364	1,015	347,028	342	1,129	410,633	364
West Midland.....	2,563	959,592	374	2,355	664,267	282	2,272	832,850	367
Lake Ontario.....	2,918	1,097,486	376	3,157	1,055,037	334	2,860	1,067,375	373
St. Law. and Ottawa.	2,141	678,081	317	1,723	496,109	288	1,546	473,030	306
East Midland.....	989	346,111	350	935	331,296	354	822	271,424	330
Northern Districts...	191	41,775	219	147	48,144	328	137	34,716	253
Totals.....	11,977	4,210,542	352	11,261	3,431,959	305	10,486	3,642,161	347

An extension of 716 acres in the area and an increase of 47 bushels in the average yield per acre have resulted in making the total yield of carrots 778,583 bushels more than that of the previous year, while it is 568,381 bushels more than the average for the nine years. The Lake Ontario group is the only district which does not show an increase in the area of the crop compared with the previous year. The poorest yields are observed in the Northern Districts and the Lake Erie counties, and the St. Lawrence and Ottawa and East Midland groups also fall below the average of the province for the year, but the royal yields of the four other groups, more especially those of the Lake Ontario and West Midland counties, raise the average for the year 5 bushels above the standard of the nine years 1882-90.

TURNIPS. Turnips suffered from the causes already described as affecting the other field roots, and in addition were attacked by the fly. But in spite of the fears expressed by correspondents in August, the crop gave relatively the best yield of any in its class. The November bulletin described turnips as small in some localities, although late rains had improved the crop generally. Favorable weather for pitting was anticipated. The acreage and yield for 1889 and 1890, together with the averages for 1882-90, are given in the following table :

Districts.	1890.			1889.			Yearly average for the nine years 1882-90.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Lake Erie....	2,579	859,137	333	2,896	779,100	269	2,181	749,789	344
Lake Huron.....	12,636	5,531,452	438	12,948	3,978,598	307	12,551	4,825,564	384
Georgian Bay.....	13,345	5,678,382	426	13,038	4,536,222	348	12,322	4,887,500	397
West Midland.....	36,316	14,975,082	412	35,065	10,440,234	298	34,696	13,905,782	401
Lake Ontario.....	32,509	15,085,001	464	33,037	12,202,146	369	29,129	11,796,512	405
St. Law. and Ottawa.	5,360	1,967,738	367	4,479	1,601,906	358	4,002	1,337,625	334
East Midland.....	6,145	2,194,655	357	7,339	2,662,901	363	5,638	1,948,568	346
Northern Districts...	2,165	749,116	346	2,301	820,153	356	2,076	655,255	316
Totals.....	111,055	47,040,563	424	111,103	37,021,260	333	102,595	40,106,595	391

This is the only root crop which has shrunk in area, the number of acres being 48 less than in 1889, although the Georgian Bay, West Midland and St. Lawrence and Ottawa groups each show an increase as compared with their respective acreages in the previous year. The average yield per acre for the province, however, is 91 bushels more than that of 1889, and 33 more than that of 1882-90, and the consequence is an increase in the total yield of 10,019,303 bushels compared with the crop of 1889, and 6,933,968 bushels compared with the average for the nine years. The splendid average yield of 464 bushels per acre is recorded for the Lake Ontario counties, and three other groups also go over the average for the nine years. The average yield of the Lake Erie counties, the lowest for the year, is identical with the average of the province in 1889, which was a very poor year for turnips, and this group is the only one which does not surpass its own average for the nine years.

HAY AND CLOVER.

The condition of clover in the spring was not very satisfactory, being very similar to that of fall wheat. The seed appears to have made a very good catch, but the light snow-fall during the winter afforded but little protection to the roots, and much damage was also caused by alternate freezing and thawing, especially on low meadows and where the land was low and poorly drained. Some correspondents in May said that it looked as if the roots might yet be raked into heaps and the land replowed for other crops. But on high and sandy soils the new clover presented a more encouraging appearance, and promised a good crop should conditions continue favorable. The most serious damage from all causes occurred in the south-western counties, more especially in Essex and Kent. In the central, northern and eastern portions of the province the reports were more cheerful in tone. With the exception of the counties of Dundas and Stormont and a few other localities along the St. Lawrence, every county reporting in August gave unanimous expression to the opinion that the hay crop was a magnificent one. Many correspondents reported that so big a crop had never been known in their respective neighborhoods. In the western and central counties hay was saved in splendid condition, but "catchy" weather was reported in various sections further east. Taken altogether, however, the crop was not only a large one, but its general quality was first-class. In different parts of the province there was no room in the barns for the cut, and an unusual number of hay stacks were to be seen. Cutting was rather later than usual. The midge was reported in several counties, and was spoken of as likely to thin the yield of clover seed. The acreage and yield in 1889 and 1890, together with the average for 1882-90, are given in the following table:

Districts.	1890.			1889.			Yearly average for the nine years 1882-90.		
	Acres.	Tons.	Tons per acre.	Acres.	Tons.	Tons per acre.	Acres.	Tons.	Tons per acre.
Lake Erie.	286,576	525,644	1.83	296,596	508,450	1.71	274,032	403,023	1.47
Lake Huron.	270,648	484,865	1.79	257,147	399,795	1.55	233,194	330,261	1.42
Georgian Bay.	209,795	375,602	1.79	211,275	309,338	1.46	191,497	251,471	1.31
West Midland.	433,638	897,491	2.07	419,362	681,957	1.63	408,271	632,981	1.55
Lake Ontario.	417,641	760,974	1.82	404,637	649,232	1.60	406,197	576,737	1.42
St. Law. and Ottawa.	618,434	895,976	1.45	595,669	918,604	1.54	554,200	747,169	1.35
East Midland.	168,581	267,568	1.59	157,131	206,714	1.32	153,088	188,288	1.23
Northern Districts...	56,689	97,795	1.73	44,406	54,223	1.22	41,185	51,684	1.25
Totals.	2,462,002	4,305,915	1.75	2,386,223	3,728,313	1.56	2,261,664	3,181,614	1.40

The total yield of 4,305,915 tons, which is 577,602 tons more than that of the previous year, and 1,124,301 tons more than the average for the nine years 1882-90, is due to the increase both in area and yield. The acreage of 1889 is enlarged by 75,779, and the average yield per acre of that year is exceeded by .19 ton. A decrease in acreage compared with the previous year is observed in the Lake Erie and Georgian Bay counties, but the splendid yields in each of these groups lift their total returns considerably above their respective records in 1889. None of the county groups fall as low as the average of the province for the nine years, and but one, the St. Lawrence and Ottawa, goes below the average of the province for 1889. The West Midland counties show the magnificent average yield per acre of 2.07 tons.

CLOVER SEED. The raising of clover for seed has been but little practised in this province of late years, owing to repeated failures of the crop. This year will not likely give great encouragement to farmers, for while a few fields were reported as good, the majority of correspondents represented the crop as not worth the threshing. The most favorable reports came from Prince Edward and some of the river counties. The midge, as usual, pursued its destructive work in nearly every district, but much injury was also done by dronth immediately after harvest. Frost did not seriously affect the crop.

COMPARATIVE YIELDS OF FIELD CROPS.

AGGREGATE YIELD OF FIELD CROPS. The aggregate yield of a crop must of course depend upon two things, viz., the acreage and average yield, and each of these factors is dealt with elsewhere. In the following table the net results of acreage and yield are shown by county groups and for the province for a series of years. The column for 1885-90 is inserted to correspond with the table of values, some of the items in which were computed only from 1885 :

Field Crops.	1890.	1889.	1888.	1887.	1886.	1885-90.	1882-90.
	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.	Bushels.
Fall wheat	14,267,383	13,001,865	13,830,787	14,440,611	18,071,142	15,848,345	17,635,540
Spring wheat....	7,683,905	5,697,707	6,453,559	5,633,117	9,518,553	7,352,787	8,679,827
Barley.....	15,600,169	23,386,388	23,366,569	17,134,830	19,512,278	19,255,637	19,705,734
Oats.....	52,768,207	64,346,301	65,466,911	49,848,101	58,665,608	57,720,812	56,566,276
Rye.....	1,563,345	1,431,679	1,295,302	894,887	1,106,462	1,260,530	1,744,164
Pease.....	15,389,313	13,509,237	14,269,863	12,173,332	16,043,734	14,231,945	13,418,124
Corn.....	14,011,181	9,248,199	17,436,780	8,404,752	10,805,309	11,774,602	12,125,521
Buckwheat	2,053,720	1,272,578	1,222,283	1,025,353	1,678,708	1,463,886	1,441,358
Beans.....	761,341	371,893	534,526	275,975	482,072	487,062	490,541
Potatoes.....	17,561,117	14,355,529	22,273,607	10,678,000	16,012,358	16,995,293	18,261,216
Mangel-wurzels..	11,594,518	7,223,478	10,020,659	5,695,761	8,787,743	8,497,148	8,177,945
Carrots.....	4,210,543	3,431,959	3,898,584	2,105,686	3,478,751	3,431,307	3,642,161
Turnips	47,040,563	37,021,260	47,640,237	31,413,456	47,061,053	41,885,717	40,106,595
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Hay and clover..	4,304,915	3,728,313	2,009,017	3,093,610	2,994,446	3,230,409	3,181,614

Fall wheat, spring wheat, rye and potatoes have each a considerably larger yield than in the previous year, but both fall greatly behind their averages for the nine years 1882-90. Barley and oats are less than in 1889, as well as below their averages for the nine years. All the other crops exceed their aggregates both for the previous year and

for the nine years period. The increases in the total yields of buckwheat, mangel-wurzels and hay and clover are relatively the largest compared with their averages for the nine years. Barley, fall and spring wheats have had the greatest proportional decline compared with 1882-90.

RATIOS OF AGGREGATE YIELD. The table following presents the per cent. ratios of aggregate production of the several crops in 1890 by county groups and for the province as compared with the nine years 1882-90 :

Districts.	Fall Wheat.	Spring Wheat.	Barley.	Oats.	Rye.	Pease.	Corn.	Buck- wheat.	Beans.	Hay and Clover.	Potatoes.	Mangel- wurzels.	Carrots.	Turnips.
Lake Erie.....	89	171	101	75	109	111	103	125	183	130	68	136	149	115
Lake Huron.....	80	94	98	104	189	126	133	182	96	147	91	151	106	115
Georgian Bay.....	74	86	82	106	118	112	223	217	190	149	119	119	102	116
West Midland.....	85	102	100	99	112	114	118	132	77	142	104	151	115	108
Lake Ontario.....	72	88	69	90	80	118	115	162	102	132	93	121	103	128
St. Lawrence and Ottawa	54	75	68	86	78	95	164	127	99	120	93	146	143	147
East Midland.....	76	88	61	95	101	126	138	177	153	142	95	190	128	113
Northern Districts.....	154	69	112	125	93	144	113	186	151	189	135	79	120	114
The Province.....	81	89	79	93	90	115	116	142	155	135	96	142	116	117

Out of the fourteen items comprising the table, eight go over the 100 in the figures for the province, viz., beans, buckwheat, mangel-wurzels, hay and clover, turnips, carrots, corn and pease. The standard is exceeded in every district in the case of corn, buckwheat, hay and clover, carrots and turnips. The Northern Districts have the highest per cent. ratio in fall wheat, barley, oats, pease, hay and clover and potatoes, the Georgian Bay group in corn (with the surprising record of 223), buckwheat and beans, the Lake Erie counties in spring wheat and carrots, the Lake Huron group in rye, the St. Lawrence and Ottawa in turnips, and the East Midland in mangel-wurzels. Fall wheat shows a ratio of only 81 per cent. for the province, but the figures for that crop in the St. Lawrence group dip to 54 compared with their average for the nine years.

RATIOS OF YIELD PER ACRE. The per cent. ratios of the average yield per acre of the leading field crops compared with the average yield of the nine years 1882-90, are given by county groups and for the province in the following table, each group being compared with its own average:

Districts.	Fall Wheat.	Spring Wheat.	Barley.	Oats.	Rye.	Pease.	Corn.	Buck- wheat.	Beans.	Hay and Clover.	Potatoes.	Mangel- wurzels.	Carrots.	Turnips.
Lake Erie.....	102	90	83	67	93	81	97	104	99	124	75	112	109	97
Lake Huron.....	108	112	91	84	106	97	96	85	76	126	92	107	101	114
Georgian Bay.....	90	91	96	92	85	101	102	106	107	137	114	97	100	107
West Midland.....	112	112	95	83	101	90	96	102	90	134	100	105	102	103
Lake Ontario.....	94	75	79	79	93	98	96	101	84	128	88	104	101	115
St. Lawrence and Ottawa	90	70	82	80	90	104	109	104	86	107	94	102	104	110
East Midland.....	89	85	84	90	100	115	101	104	113	129	92	103	106	103
Northern Districts.....	94	82	91	87	96	96	94	95	100	138	98	126	87	109
The Province.....	102	84	86	81	94	97	97	102	96	125	94	105	101	108

Hay and clover makes an excellent showing for the province, the figures reaching 125. The ratios of turnips, mangel-wurzels, fall wheat, buckwheat and carrots also exceed 100 in the order named. Fall wheat has its highest showing in the West Midland group and its lowest in the East Midland. The ratio of spring wheat reaches 112 in the Lake Huron and West Midland groups, but drops to 70 in the St. Lawrence and Ottawa counties. Barley and oats fail to reach 100 in any district. Rye, pease, corn and beans each have three figures in three groups, while buckwheat fails to reach the standard in two districts only. Hay and clover does not go below 107 in any group, and mounts as high as 137 and 138. Potatoes reach 114 in the Georgian Bay counties and match the standard in the West Midland group, but show only a pair of figures in the other districts. The Georgian Bay group with 97, is the only district falling below 100 for mangel-wurzels, but carrots and turnips show three figures in every group.

AVERAGE YIELDS PER ACRE. The yields per acre are shown in the following table by county groups and for the province for the years 1889 and 1890, with the averages for the six and nine years 1885-90 and 1882-90:

Field crops.	Lake Erie.	Lake Huron.	Georgian Bay.	West Midland.	Lake Ontario.	St. Lawrence and Ottawa.	East Midland.	Northern Districts.	The Province.			
									1890.	1889.	1885-90.	1882-90.
	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.
Fall Wheat....	18.8	20.9	18.1	22.0	18.8	16.1	17.4	17.9	19.8	15.8	18.9	19.4
Spring Wheat.	13.2	15.5	13.2	16.6	11.9	11.2	12.2	14.6	12.8	14.3	13.7	15.2
Barley	20.5	24.3	24.1	26.8	20.5	19.7	19.9	21.2	22.2	26.7	25.3	25.8
Oats.....	23.8	29.1	30.0	31.0	28.2	25.6	27.9	26.8	28.0	33.5	33.0	34.4
Rye.....	14.4	18.8	15.2	16.6	13.7	16.1	15.6	18.5	15.2	15.9	15.4	16.2
Pease.....	15.0	21.2	21.7	19.2	19.5	20.1	21.8	22.1	19.7	19.1	20.0	20.3
Corn	67.0	58.4	54.4	62.3	56.2	62.3	51.5	37.8	62.6	49.4	63.0	64.5
Buckwheat....	21.1	15.8	18.5	20.0	22.2	24.7	23.3	23.9	22.8	22.6	21.9	22.3
Beans	19.3	15.5	19.6	18.6	17.7	20.5	21.8	20.9	19.3	17.0	19.5	20.2
Potatoes.....	79.0	104.0	145.8	117.0	96.6	116.8	113.5	146.0	111.1	98.5	113.6	117.9
Mangel-wurzels	436	464	405	470	457	377	410	329	447	341	421	427
Carrots.....	305	354	364	374	376	317	350	219	352	305	331	347
Turnips	333	438	426	412	464	367	357	346	424	333	392	391
	Ton.	Ton.	Ton.	Ton.	Ton.	Ton.	Ton.	Ton.	Ton.	Ton.	Ton.	Ton.
Hay and Clover	1.83	1.79	1.79	2.07	1.82	1.45	1.59	1.73	1.75	1.56	1.39	1.40

Spring wheat, barley, oats and rye are the only crops which do not show an increase compared with their respective yields per acre in the previous year, while fall wheat, buckwheat, hay and clover, mangels, carrots and turnips are the only crops exceeding their own average yields for the nine years. The highest yield per acre is found in the following districts: Lake Erie, corn; Lake Huron, rye and mangel-wurzels; West Midland, fall wheat, spring wheat, barley, oats, and hay and clover; Lake Ontario, carrots; St. Lawrence and Ottawa, buckwheat and turnips; East Midland, beans; Northern Districts, pease and potatoes.

FRUIT AND FRUIT TREES.

The majority of correspondents, more especially those in the eastern part of the province, reported vegetation rather backward as April closed. The reports concerning orchards were on the whole favorable. On the 1st of May the peach was in blossom along Lake Erie and the Niagara river, and the damage to this tender tree during the winter was said to have been very slight. While not so far advanced in bud, apples promised well, more especially in the Lake Huron and West Midland counties, where it was "an off year" in 1889. Plums and cherries suffered from black-knot, the latter to such a degree that the extinction of the fruit in Ontario at an early day is threatened unless decisive measures are taken to deal with the disease. A heavy wind storm uprooted orchard trees in various counties, but the damage was not at all general. Grapes and small fruits generally were considered as promising, although in two or three western counties strawberries were injured by lying too long under water. It was also remarked that mice or other field vermin had done no perceptible injury.

The August bulletin had the following paragraph: "The splendid promise at the period of blossoming has not been fulfilled. Much of the fruit did not set, and apples, pears, plums and other fruits have been falling in an immature condition to an alarming extent. Apples will be less than one-third of a crop, and the quality so far as appearance is concerned will not be of the best. It is also a poor year for pears. Plums are a comparative failure, except in Grey and one or two other localities; the black-knot and the curculio are doing deadly work. Cherries are reported as giving a big yield in several sections, but the black-knot has also claimed this fruit for its own, and in many places the trees are rapidly disappearing from the orchards. There will be a few early peaches for the market, but the later and better varieties will be very scarce. Strawberries were not so abundant as was expected, but small fruits generally were about an average. Grapes give promise of a glorious yield in the Lake Erie region, where this fruit is now being largely grown."

The following summary of the condition of the orchard during the season, appeared in the November bulletin: "In scarcely any section of the province can it be said that the apple crop has been an abundant one. The trees blossomed with great promise in the spring, but a blight, apparently caused by the cold, wet weather, sadly diminished the chances for a heavy crop of fruit. In the extreme south-west the leaves of apple and pear trees assumed a rusty reddish color, and the newly formed fruit dropped in considerable quantities; and in many other localities the fruit dropped while yet immature. In the counties of Essex, Kent, Elgin, Lambton and Middlesex, the apple crop was nearly an entire failure, and of other fruits there has been not more than a sufficiency to supply local demands. In most of the West Midland counties there has been a small surplus of winter apples, and there as well as in the Niagara peninsular pears, plums, cherries and grapes and other small fruits have been moderately plentiful, but grapes are the only fruit of which any considerable shipments have been made. All variety of peaches were scarce, although occasionally an extra sample has been produced. Apples were a good crop in the counties of Grey, Bruce and Huron, and also moderately good in Simcoe. From the first three of these counties large quantities have been shipped at good prices. From the township of St. Vincent (Grey) it is stated that fifteen thousand barrels have been shipped. Pears were moderately plentiful also, and have generally turned out better than apples. Throughout the eastern counties there has been a small surplus of apples, and other fruits have been about adequate to the demand. Winter apples vary greatly in size, shape and quality. The fall varieties are generally uneven in shape and of scabby appearance, but the supply has been moderate. The general appearance of fruit trees is satisfactory, very fair growth having been made. Black-knot on plum and cherry trees appears to be gradually increasing, and in some districts trees have been almost exterminated by it. Every possible precaution ought to be taken to prevent its encroachment on districts at present unaffected."

AREA IN ORCHARD AND GARDEN. The following table shows the area in orchard and garden by county groups and for the province for each of the years 1882-90, together with the average for the nine years, and the rate per 1,000 acres cleared in 1890 :

Year.	Lake Erie.	Lake Huron.	Georgian Bay.	West Midland.	Lake Ontario.	St. Lawrence and Ottawa.	East Midland.	Northern Districts.	The Province.
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
1890.....	39,517	21,600	11,858	37,338	52,438	11,098	8,330	617	182,796
1889.....	39,699	21,105	11,729	37,256	52,242	12,079	8,130	526	182,766
1888.....	38,015	20,342	11,620	36,524	53,881	11,733	7,839	603	180,557
1887.....	37,067	19,874	11,129	37,402	54,080	12,401	8,911	578	181,442
1886.....	39,028	19,946	11,097	38,304	56,622	12,375	8,635	609	186,616
1885.....	39,844	19,925	11,555	40,593	56,796	13,145	8,838	570	191,266
1884.....	39,952	19,952	11,577	41,628	55,112	14,320	9,780	516	192,837
1883.....	40,084	19,907	12,228	42,800	57,358	14,760	9,950	363	197,450
1882.....	42,700	21,478	14,347	44,987	58,559	19,028	12,285	462	213,846
1882-90.....	39,545	20,459	11,904	39,648	55,232	13,438	9,189	538	189,953
Rate per 1,000 acres cleared, 1890.....	28.3	16.3	11.4	16.3	22.8	4.8	9.9	4.0	15.7

The total area of farm property in orchard and garden is 182,796 acres, being 30 acres more than was reported in 1889. The ratio per 1,000 acres cleared is 15.7 for the province, ranging from 9.9 in the Northern Districts, and 11.4 in the Georgian Bay group to 28.3 in the Lake Erie counties.

FALL PLOWING.

When correspondents wrote (on or before the 10th of November) fall plowing was hardly so well advanced as might be desired. The complaint was very general that the land was too wet, and with many farmers the somewhat late harvest rushed fall work considerably. In Essex, Kent and Elgin but little plowing had been attempted, owing principally to corn husking, and in Lambton the excessive wet weather hindered operations. In the West Midland and Georgian Bay counties the work was fairly well advanced, notably in Simcoe and Middlesex, where it was reported that many farmers were about through. In the eastern counties the land for the most part was in good condition and the weather fine and open, so that notwithstanding the lateness of the harvest the farmers were enabled to plow fully as large an area as usual, and the work was everywhere nearly completed.

UNDERDRAINAGE.

In the Georgian Bay counties very little was done this year in the way of under-drainage, but in the other western groups of counties average progress was made, and more than the average in the county of Perth, where one correspondent described the activity in drainage as "a craze." With the exception of the county of York, little progress was made in the eastern groups apart from an odd farm here and there. In the

Lake Huron counties lumber is still largely used in the construction of drains on account of its cheapness, but in the Lake Erie and in some of the West Midland counties tile is preferred, and there was an abundant supply. Only two or three correspondents stated that the tile draining machines are in use, but more frequent mention was made of their abandonment.

THRESHING AND MARKETING.

The November bulletin had the following remarks under the above heading: "With the exception of some of the counties along the St. Lawrence, threshing appears to be well advanced; many correspondents report the work as completed. As might be expected, most of the barley of good color was hurriedly marketed in order to head off the operations of the McKinley Bill. Pease have been more freely sold than wheat or oats, and there appears to be a disposition among those who can afford it to hold back the last named grains for a rise, although frequent mention is made of the fact that early marketing of wheat was made owing to hard times. Several correspondents state that the reason more grain has not been marketed is that there is very little above home requirements to dispose of." Many references were made by correspondents to the direct effects of the McKinley tariff upon the barley trade of this province, from which the following quotations are taken:

Harwich, Kent: The barley is all marketed. The principal part of it went to the United States.

Walpole, Haldimand: Barley is nearly all marketed. It was rushed out to get ahead of the McKinley Bill.

Stephen, Huron: The prospect of the McKinley Bill induced many farmers to sell their surplus barley before the 6th of October.

Gwillimbury W., Simcoe: Marketing has been slow in progress except in the case of barley which was hurried to market before the McKinley tariff came into operation.

McGillivray, Middlesex: Most of the barley has been marketed. [It was hurried out before the McKinley Bill came into force.

Zorra E., Oxford: Threshing is nearly all through. Wheat has been withheld while barley has been shipped so as to be ahead of the "new duty."

Minto, Wellington: Barley was generally hurried to market in view of the McKinley Bill going into operation.

Waterloo, Waterloo: This year's crop is principally all threshed, and the McKinley Bill has rushed the barley to market.

Beverly, Wentworth: A great deal of threshing has been done, but not much was marketed except barley, which was rushed to market before the McKinley Bill came into operation.

Esquensing, Halton: Not much wheat has been marketed as yet, but the McKinley Bill sent most of the barley to market in a hurry.

Markham, York: Nearly all the six-rowed barley was marketed before the McKinley Bill came into effect.

Reach, Ontario: Barley was rushed out fast before the U. S. tariff went into effect, but it has nearly stood still since.

Haldimand, Northumberland: Barley was crowded into market before the McKinley Bill took effect.

Ameliasburg, Prince Edward: The McKinley tariff in the United States created quite an early rush in the marketing of barley.

Adolphustown, Lennox and Addington: About one-half of the barley crop was sold before the McKinley tariff came into operation.

Richmond, Lennox and Addington: Barley was rushed into market before the 6th ult. to head off the McKinley tariff.

GENERAL REMARKS.

The following are selected from the general remarks of correspondents :

FROM THE MAY REPORT.

Colchester N., Essex : In winter when there is snow we can find profitable employment in getting out logs for lumber and staves, and during the summer in assisting to manufacture the same ; but this season we have not had a day of sleighing or a day that the bush was frozen hard enough for this class of work to be done with any advantage.

Camden, Kent : A great many in this locality are turning their attention to fruit raising, numbers of new orchards having been recently started.

Yarmouth, Elgin : A large quantity of maple syrup and sugar was made this spring.

Usborne, Huron : I think farmers make a mistake in allowing stock to run over and eat off the young clover in the fall, as the fall growth would protect the root during the winter. I know of some fields on which the stock were not allowed to run that are not much injured by the winter,

Dorchester N., Middlesex : In this locality sending milk to the cheese factory is the principal occupation of farmers, cheese and hogs being our staple farm products. This business is improving slowly in the way of farmers raising their own cows instead of going into non-dairying districts and buying what often turn out to be "scrubs."

Fullarton, Perth : Farmers should be more careful in selecting clean seed grain and grass seed in order to prevent the introduction of noxious weeds. It would also be well if they would be careful when they notice fresh kinds of weeds to check them in time before they get spread about to such an extent that it is almost impossible to subdue them.

Richmond, Lennox and Addington : The building of the double line on the G. T. R. and the laying of water pipes in Napanee tended to increase wages considerably in this locality. The completion of the latter work, however, has thrown a number of men out of employment and wages have again fallen.

Oso, Frontenac : This county is more for mining than farming. There are some well paying phosphate mines here.

Elizabethtown, Leeds and Grenville : I am very glad that a law is coming into force to protect bees from the ravages of foul brood.

FROM THE AUGUST REPORT.

Mersea, Essex : In this section there is a good amount of sorghum grown and the syrup is made up for home use.

Raleigh, Kent : Quinces should find a place among your list of fruits. About 200 barrels are grown here annually for export. Pears are also receiving more attention.

Bayham, Elgin : I would suggest that we summer fallow more and more thoroughly in order to kill thistles and foul weeds, because it is plain to be seen that they are on the increase yearly throughout Ontario.

Southwold, Elgin : Dr. Barnardo and others engaged in bringing good boys and girls to assist on the farms of Ontario are doing a good work, and those who would attempt to deter them from their purpose are doing an injury to the unfortunate children as well as injustice to Canada.

Middleton, Norfolk : Much of the land surrounding Delhi is planted to corn, beans, pease, tomatoes, etc., in order to supply the Delhi canning factory.

Bosanquet, Lambton : Flax is a crop that is raised here, and a flax-mill is kept in operation.

Plympton, Lambton : If something is not done to prevent the spread of Canada thistles in this section in a few more years some farms will have nothing but thistles for a crop.

Sydenham, Grey : Canada thistles are not half so plentiful this year as last. Wild mustard seems to be on the increase, but there is a general tendency to clear the land from noxious weeds, and consequently stock is kept in better condition.

Innisfil, Simcoe : A big thunderstorm occurred on the 25th of July. Pieces of hail of enormous size fell, smashed most of the western windows in its track and destroyed much grain.

Dorchester N., Middlesex : The growth of thistles, rag-weed, ox-eye daisies, etc., is increasing, as the law appears to be a dead letter. Neighbors do not like to inform on neighbors, and the "inspection" is simply a humbug. At present there is across from my farm a field with enough thistles to seed the country.

Nissouri W., Middlesex : A severe wind and hail storm visited this township on the 25th day of July, covering a strip about a mile wide and destroying most of the crops in its course. There are hundreds of acres in which scarcely a peck of grain was left, and the straw was also much damaged.

Zorra E., Oxford : Considerable flax is grown in this township and is a good paying crop. The land is prepared by the owner and leased for the crop. The seed is found and sown and the crop harvested by the owners of the flax-mills. This year's crop is a very good one and will bring a large sum of money into the locality.

Peel, Wellington : Flax is extensively grown here and promises a good yield.

Dumfries N., Waterloo: The only suggestion I would mention is one in regard to the destruction of noxious weeds, thistles, etc., which are rapidly over-running the country.

Waterloo, Waterloo: "Union is strength." If the farmers were to unite and form unions as all other classes do they could accomplish a great deal. In this county we have a farmers' union of 1,000 members, divided into local unions, each with a local president and secretary, working under a general manager. It is this manager's duty to make bargains on large orders for the union and deal direct with manufacturers. This saves middlemen's profits, which go direct to the farmers. Over \$4,000 worth of twine was bought by the union and over one ton of Paris green.

Woolwich, Waterloo: The Government should take steps to do away with the English sparrows which are getting very numerous in some places. They destroy a lot of grain. I have seen fields of grain which were half threshed out by them for two or three rods along the fences before the grain was cut, and after it was put up in shocks it was worse still. I think I am safe in saying that they destroyed from eight to twelve bushels of wheat for me this season, and now that the wheat is housed they are starting on the oats.

Grimsby N., Lincoln: I have noticed a very handsome plot of tobacco growing.

Uxbridge, Ontario: Roots and small fruits, such as strawberries and raspberries, are grown to a considerable extent of late years in this locality and pay the farmer better than grain, and the land is kept up much better.

Hallowell, Prince Edward: No "Hulless oats" have been grown this year. Farmers are now satisfied to leave such speculations alone. Several farmers in this county, however, have been duped by the fanning mill swindlers.

Sophiasburg, Prince Edward: A number of farmers are raising tomatoes for canning purposes, and sweet corn for the canning factory is also considered a good paying crop.

FROM THE NOVEMBER REPORT.

Colchester S., Essex: Tobacco growing is receiving more attention than for years. Several farmers have tried from two to nine acres with very gratifying results, so much so that their crop will doubtless be doubled another year. One grower has reported to me that he has raised over 1,100 lb. to the acre. Fruit growing, more especially in small fruits, is also receiving considerable attention.

Pelee Island, Essex: As fine tobacco is grown here as is seen in Virginia or Tennessee, and also broom corn of a superior description. No better sorghum is raised in Canada, and by repeated plantings it can be grown so as to be fit for manufacturing into syrup from the 20th of August until the 10th of November.

Harwich, Kent: Some tobacco is raised in this locality and it appears to pay well. The average yield per acre is about 1,000 lb., and it will sell for about 10 cents per lb.

Yarmouth, Elgin: I believe that our farmers should increase the number of their sheep. I have observed that farms where sheep have not been kept are getting much more full of foul weeds than are those farms where a flock can be seen. Sheep also distribute the manure more evenly over the land.

Dunn, Haldimand: The most of the ashes here are bought up and shipped to the United States. I believe they should be kept and used upon the farms here.

Stanley, Huron: We grow tobacco here which appears to do very well. It grows from 3 to 3½ feet high, and many of the leaves are about 30 inches long and 13 inches wide. It is chiefly used by the growers themselves who are principally French Canadians.

McGillivray, Middlesex: Flax is grown in this neighborhood and appears to have been a good crop.

Peel, Wellington: Flax has been grown in this locality to a considerable extent. It has been only an average crop this year, and was marketed at about \$10 a ton.

Caistor, Lincoln: The greatest drawback to the sheep industry are dogs and the negligence of farmers to castrate their lambs at the proper time.

Markham, York: I consider poultry the best paying stock on the farm, taking into consideration the amount invested. Farmers should also raise more sheep.

Mara, Ontario: Rape is sown somewhat extensively in this township, and is used for fattening sheep, lambs and cattle in the fall of the year. It is also an excellent green manure when plowed under in the summer season.

Hallowell, Prince Edward: Hops are grown here quite extensively, and more persons are likely to go into raising them next year. An enormous quantity of strawberries are grown annually and canned by the factories. Various kinds of produce are canned in factories, pumpkins being in great demand.

Hillier, Prince Edward: Fancy pease is one of the leading cash crops in this locality, and they were a fair crop this year. This industry is represented by three firms who furnish the seed to farmers on contract for a stated price per bushel.

Osgoode, Carleton: Tobacco is grown extensively by the French Canadian farmers in this locality, and is said to be very profitable. Grass seed is also raised to a large extent by the same farmers. Maple syrup is also produced and is more profitable than our orchards of apple trees. Good plowing is the rule here, and is encouraged by the annual plowing match where a gold medal is given by one of our leading farmers for the best plowing, and plows are also offered in prizes by the leading plowmakers of the Ottawa valley.

Glamorgan, Haliburton: Stock-raisers should always raise flax, and with me it gives a good return. I do not utilise the stalks, but merely raise enough linseed for my own needs.

STATISTICS OF
THE WEATHER AND THE CROPS.

THE WEATHER.

TABLE I. Showing for each month the highest, lowest, mean highest, mean lowest, and mean temperature at the principal stations in Ontario in 1890; also the annual mean for each station.

Temperature.		Saugeen.	Birnam.	London.	Woodstock.	Stoney Creek.	Toronto.	Lindsay.	Gravenhurst.	Ottawa.	Rockliffe.
		°	°	°	°	°	°	°	°	°	°
January.	Highest	55.2	57.5	58.9	57.2	60.0	53.9	50.1	49.0	47.5	43.8
	Lowest	7.1	6.5	4.9	4.0	10.0	6.4	-5.5	-11.8	-20.4	-27.0
	Mean highest	35.7	36.0	39.3	37.3	39.2	36.9	30.3	33.1	25.5	23.3
	Mean lowest	20.3	24.6	22.4	21.0	26.1	20.3	13.3	12.2	3.8	-1.4
	Monthly mean	27.53	30.27	31.82	30.40	32.99	29.69	22.57	18.66	15.96	9.21
February.	Highest	56.0	58.2	58.6	55.9	61.0	53.8	42.5	46.0	45.0	45.8
	Lowest	5.2	5.5	10.0	6.0	9.0	3.0	-4.5	-13.8	-12.0	-31.4
	Mean highest	35.2	34.9	36.5	35.8	37.8	35.6	30.4	31.4	25.4	24.2
	Mean lowest	19.1	22.6	21.5	19.6	22.3	19.6	12.4	11.6	6.9	0.2
	Monthly mean	25.83	28.72	29.91	28.32	29.61	27.80	21.27	21.00	18.30	10.03
March.	Highest	49.0	54.0	49.0	53.6	59.0	53.5	43.0	49.0	48.2	43.3
	Lowest	-16.3	-9.0	-8.0	-10.5	1.0	-2.7	-13.4	-21.2	-8.8	-32.4
	Mean highest	33.0	32.6	34.6	34.8	37.1	34.7	32.0	35.3	33.8	30.9
	Mean lowest	16.6	19.6	20.3	17.3	23.3	20.9	12.7	12.7	14.8	5.0
	Monthly mean	23.00	26.09	28.28	27.08	29.99	27.57	22.24	21.79	24.39	16.44
April.	Highest	71.2	75.4	72.9	74.6	78.0	68.4	72.2	69.0	64.9	71.7
	Lowest	19.1	9.1	19.9	17.9	23.0	23.5	13.1	14.0	13.0	8.2
	Mean highest	49.6	54.2	55.6	54.9	55.7	51.6	52.8	50.7	49.3	48.5
	Mean lowest	31.0	32.0	33.4	31.1	36.6	32.8	29.4	29.9	29.7	25.9
	Monthly mean	38.92	43.16	46.09	43.72	46.09	42.31	40.33	38.83	39.64	36.08
May.	Highest	76.0	77.9	76.1	78.0	80.0	77.0	80.5	93.0	76.8	79.0
	Lowest	26.3	26.9	31.5	26.5	30.0	28.1	26.0	24.0	25.0	19.1
	Mean highest	57.4	60.9	61.6	61.3	61.6	58.9	60.6	59.7	61.3	58.7
	Mean lowest	38.7	40.9	43.4	40.1	43.5	41.1	38.1	49.1	40.5	35.2
	Monthly mean	47.07	50.80	53.91	51.63	52.26	50.01	48.57	48.37	50.31	47.11
June.	Highest	88.0	84.9	87.3	87.5	92.0	86.6	90.8	92.0	90.5	94.0
	Lowest	40.3	34.5	36.0	36.2	42.0	42.1	36.3	35.0	38.8	31.0
	Mean highest	72.8	77.6	77.8	78.1	78.9	74.8	77.7	78.2	75.4	77.2
	Mean lowest	53.0	55.1	55.7	54.4	59.1	56.5	54.0	53.1	54.1	49.1
	Monthly mean	62.53	66.30	66.67	67.95	69.34	63.31	65.42	65.77	64.37	62.57
July.	Highest	86.5	91.9	93.0	91.0	93.0	85.3	87.0	90.1	90.9	90.0
	Lowest	46.2	40.0	41.3	42.0	46.0	47.2	42.4	42.0	45.5	41.0
	Mean highest	74.8	79.8	79.2	79.1	83.4	77.1	77.8	77.6	79.4	77.9
	Mean lowest	57.5	55.2	55.5	54.7	61.3	58.0	55.7	56.4	57.3	53.3
	Monthly mean	65.46	67.47	67.21	68.23	71.64	67.34	66.02	66.88	67.42	64.18
August.	Highest	86.0	95.0	92.5	93.0	96.0	89.4	91.9	83.0	93.0	94.0
	Lowest	36.6	37.5	37.0	38.0	45.0	46.0	39.0	38.0	39.0	38.0
	Mean highest	72.2	74.1	73.5	75.0	76.5	73.1	73.8	74.3	74.3	73.6
	Mean lowest	54.3	52.8	52.7	51.2	57.6	55.9	51.6	55.3	54.0	49.4
	Monthly mean	61.43	63.45	63.20	64.17	67.19	64.49	61.89	62.40	64.14	58.27
Septem'r.	Highest	89.5	86.9	86.0	85.3	88.0	79.0	88.0	85.0	84.8	85.0
	Lowest	27.1	31.0	29.1	27.5	32.0	35.1	28.0	27.0	30.5	28.0
	Mean highest	66.7	68.5	68.9	69.0	71.4	66.6	68.2	70.0	68.0	67.4
	Mean lowest	46.6	46.9	46.5	44.8	49.7	48.6	44.9	45.5	46.4	42.4
	Monthly mean	54.15	57.66	59.39	57.42	59.71	57.46	56.07	55.41	56.08	51.18
October.	Highest	71.2	73.9	73.0	71.6	72.0	69.9	72.9	74.0	74.3	75.0
	Lowest	29.6	29.9	30.3	28.5	32.0	29.0	24.5	25.0	25.00	19.0
	Mean highest	55.2	55.1	55.4	54.2	58.5	54.6	54.0	55.9	53.6	52.2
	Mean lowest	42.1	40.7	41.0	39.0	44.0	42.4	37.8	39.2	38.4	35.6
	Monthly mean	46.34	47.94	48.88	47.50	51.42	48.27	45.04	45.74	45.76	41.42
Novembr.	Highest	58.0	61.7	61.0	59.5	62.0	59.0	57.0	54.0	57.2	50.0
	Lowest	16.1	19.0	12.2	13.0	16.0	15.9	5.0	7.0	7.5	-2.0
	Mean highest	47.6	44.6	46.0	44.4	46.9	43.7	40.4	42.1	38.8	35.9
	Mean lowest	29.7	30.9	30.3	26.6	33.6	30.4	24.8	25.2	24.2	20.1
	Monthly mean	35.52	37.76	38.80	37.38	41.19	37.00	32.48	32.67	31.13	27.57
Decem'r.	Highest	47.9	41.3	40.0	39.1	44.0	41.1	36.6	39.0	38.0	36.0
	Lowest	-6.0	-2.0	-4.0	-2.8	0.0	-1.2	-9.8	-14.0	-17.0	-26.0
	Mean highest	33.2	30.0	31.1	29.8	33.4	30.2	24.5	23.9	16.8	16.7
	Mean lowest	15.1	16.2	16.3	13.9	19.9	14.9	6.0	5.0	-1.6	-6.2
	Monthly mean	22.79	23.12	24.99	23.62	27.10	23.00	15.75	15.21	8.00	4.08
Annual mean		42.55	45.23	46.60	45.62	48.21	45.02	41.47	41.06	40.46	35.68

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TABLE II. Showing for each month the annual average of the highest, lowest, mean highest, mean lowest and mean temperature at the principal stations in Ontario derived from the nine years 1882-90; also the average annual mean at each station for the same period.

Temperature.		Saugeen.	Birnam.	London.	Woodstock.	Stoney Creek.	Toronto.	Lindsay.	Gravenhurst.	Ottawa.	Rocklife.
		°	°	°	°	°	°	°	°	°	°
January.	Highest	45.9	47.2	47.8	47.4	52.3	45.1	42.7	43.0	40.7	39.5
	Lowest	-10.4	-11.0	-9.2	-15.2	-5.0	-10.1	-25.1	-28.7	-23.4	-36.8
	Mean highest	26.8	25.5	27.4	27.2	.....	27.6	22.8	22.9	18.4	17.4
	Mean lowest	11.1	12.7	12.4	9.0	.....	12.3	5.0	1.9	-0.4	-7.7
	Monthly mean	19.49	19.08	20.87	19.51	22.51	20.52	14.18	13.46	9.67	5.79
February.	Highest	46.2	49.4	47.5	47.4	48.0	44.2	42.6	42.8	39.3	42.3
	Lowest	-9.7	-16.4	-11.8	-12.2	-6.6	-8.7	-17.7	-23.7	-22.4	-34.2
	Mean highest	27.4	27.2	28.8	29.2	.....	29.0	25.7	25.4	20.8	21.0
	Mean lowest	10.9	11.7	11.5	9.8	.....	12.8	5.0	3.7	0.9	-5.1
	Monthly mean	19.18	19.44	20.87	20.77	22.22	21.43	15.88	15.32	11.67	8.54
March.	Highest	49.4	55.1	52.9	53.2	55.1	50.0	46.7	46.6	43.6	46.5
	Lowest	-6.8	-9.5	-6.8	-7.2	2.1	0.2	-13.3	-17.0	-12.1	-25.9
	Mean highest	32.2	33.4	34.2	34.3	.....	33.6	31.4	31.8	29.7	30.4
	Mean lowest	15.4	17.3	17.1	15.8	.....	19.0	12.0	10.3	11.0	3.5
	Monthly mean	23.27	24.61	26.37	25.95	28.41	26.44	21.93	21.28	20.66	17.76
April.	Highest	73.7	78.9	77.2	76.9	78.9	69.1	74.3	69.8	72.8	72.9
	Lowest	12.7	13.6	17.3	15.4	23.3	20.8	11.9	8.8	11.0	3.5
	Mean highest	47.9	52.2	52.4	52.5	.....	49.1	49.9	48.1	48.2	48.0
	Mean lowest	29.7	31.7	31.8	30.2	.....	32.1	28.6	27.2	28.6	23.9
	Monthly mean	38.37	41.95	42.78	41.64	42.56	40.65	38.92	37.50	39.38	36.31
May.	Highest	78.6	83.0	80.4	80.1	82.4	75.8	81.4	81.9	81.1	85.2
	Lowest	27.4	27.6	30.6	28.8	36.3	31.2	27.1	26.2	29.6	23.4
	Mean highest	59.8	65.5	64.8	63.7	.....	61.0	64.4	63.1	65.4	63.8
	Mean lowest	39.9	42.3	43.8	41.4	.....	42.8	40.7	41.6	43.4	37.5
	Monthly mean	49.31	54.04	54.78	53.51	53.41	51.94	52.31	51.72	55.25	50.85
June.	Highest	83.9	87.3	85.6	87.3	89.3	83.9	88.6	87.8	87.7	88.9
	Lowest	37.2	35.8	39.7	37.8	46.1	42.2	37.1	36.6	40.2	33.9
	Mean highest	69.7	75.7	74.2	75.9	.....	72.4	75.6	74.3	75.6	74.4
	Mean lowest	49.5	52.1	53.3	51.6	.....	52.7	50.2	50.9	53.1	47.5
	Monthly mean	59.40	63.88	64.46	64.44	64.95	62.39	62.80	62.46	65.40	60.76
July.	Highest	86.0	91.0	89.4	89.3	94.0	88.4	90.9	88.3	89.9	90.4
	Lowest	40.9	41.2	45.6	44.6	51.4	48.3	43.1	43.2	47.4	40.6
	Mean highest	73.7	80.1	78.2	79.4	.....	77.2	79.5	77.8	78.7	77.4
	Mean lowest	54.0	55.2	56.7	54.6	.....	57.5	53.6	55.1	57.2	52.2
	Monthly mean	63.76	67.65	68.26	68.14	70.26	67.49	66.37	66.34	68.83	64.43
August.	Highest	85.7	90.1	87.6	89.5	91.7	86.5	90.1	88.1	88.5	89.1
	Lowest	39.6	38.3	40.0	41.4	47.7	45.7	38.1	40.0	42.0	37.6
	Mean highest	72.5	76.6	75.0	76.9	.....	74.6	76.1	74.8	75.3	74.1
	Mean lowest	53.3	52.8	53.7	52.3	.....	56.1	51.7	52.9	53.7	50.0
	Monthly mean	62.49	64.70	64.99	64.69	67.83	65.27	63.22	63.16	65.32	60.95
September.	Highest	84.1	87.0	84.3	86.3	88.7	81.4	85.9	83.4	82.9	83.8
	Lowest	31.6	31.8	32.5	30.3	36.9	36.4	29.3	31.2	30.7	29.0
	Mean highest	66.7	70.4	68.7	69.9	.....	67.4	68.9	68.2	67.2	66.7
	Mean lowest	47.0	48.1	48.9	45.6	.....	49.1	44.4	45.4	46.0	42.2
	Monthly mean	56.23	59.33	58.72	58.25	60.44	58.30	55.94	56.05	56.90	53.05
October.	Highest	72.2	76.0	72.7	74.0	73.3	69.7	73.2	71.1	67.7	70.9
	Lowest	21.7	22.1	23.4	21.8	25.4	25.4	18.6	20.6	21.4	16.6
	Mean highest	54.4	55.9	54.9	55.4	.....	53.9	53.7	53.9	51.2	51.1
	Mean lowest	37.8	38.6	37.4	36.0	.....	38.7	34.5	36.1	34.2	32.0
	Monthly mean	45.37	47.27	46.26	46.09	47.97	46.56	43.21	43.99	43.67	40.79
November.	Highest	61.5	63.9	62.1	62.5	65.0	59.7	61.0	60.5	58.3	56.5
	Lowest	11.4	13.9	13.9	10.1	17.7	13.3	3.1	6.2	4.2	-3.3
	Mean highest	42.9	43.1	44.0	42.9	.....	42.8	40.2	40.9	38.2	36.6
	Mean lowest	29.3	30.4	29.6	27.2	.....	30.1	25.2	24.7	24.7	21.4
	Monthly mean	35.56	36.75	37.15	35.96	39.01	36.70	32.38	33.04	31.98	29.11
December.	Highest	49.5	48.9	49.9	47.6	52.6	46.5	43.5	44.4	41.6	42.6
	Lowest	-2.6	-3.4	-4.1	-6.7	3.3	-1.7	-15.0	-13.2	-16.5	-25.4
	Mean highest	32.8	32.0	33.4	32.0	.....	33.0	28.3	29.0	23.9	24.1
	Mean lowest	19.8	19.9	19.4	17.1	.....	20.1	12.4	12.9	7.6	3.6
	Monthly mean	26.38	25.97	27.18	25.77	29.77	27.08	21.02	21.90	16.52	14.07
Annual mean		41.57	43.72	44.39	43.73	45.78	43.73	40.68	40.52	40.44	36.87

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TABLE III. Monthly summary of bright sunshine at the principal stations in Ontario in 1890, showing the number of hours the sun was above the horizon, the hours of registered sunshine, the total for the year; also the average derived for the nine years 1882-90.

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total for the year.
	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
Hours of sun above horizon. {	285.7	*291.4	369.9	406.4	461.6	465.7	470.9	484.5	376.3	340.2	286.9	274.3	4463.3
Woodstock... { 1890...	45.1	56.4	126.6	199.0	182.6	253.5	289.8	240.5	197.2	71.2	97.7	70.6	1830.2
{ 1882-90	60.3	79.5	139.6	192.2	202.6	239.4	268.2	230.6	198.3	124.8	71.6	53.9	1861.0
Toronto... { 1890...	59.9	52.8	144.4	229.3	184.7	255.7	304.3	249.5	209.4	86.8	106.8	84.0	1977.6
{ 1882-90	76.6	92.0	150.6	196.4	220.5	263.3	289.6	253.7	212.4	134.7	80.9	50.6	2021.3
Barrie... { 1890...	45.6	57.0	112.1	169.1	143.7	238.4	243.1	218.7	169.5	74.4	74.6	62.1	1608.3
{ 1882-90	51.9	65.0	127.1	166.1	195.0	226.3	255.8	214.7	143.5	88.2	48.4	33.0	1615.0
Lindsay... { 1890...	52.6	87.6	162.4	223.4	172.6	252.8	272.9	229.7	210.2	81.6	97.0	79.6	1922.4
{ 1882-90	75.6	95.9	159.3	205.5	218.4	257.3	280.9	236.1	205.2	126.8	76.2	54.9	1992.1
Kingston { 1890...	49.5	91.0	165.2	229.0	189.0	263.3	292.0	234.8	189.4	111.4	92.4	93.4	2000.4
{ 1882-90	68.5	98.7	153.4	194.7	215.8	244.7	269.4	248.2	198.7	121.5	74.2	65.5	1953.3
Average for five stations. { 1890...	50.5	69.0	142.1	210.0	174.5	254.7	280.4	234.6	195.2	85.1	93.7	77.9	1867.8
{ 1889...	67.4	94.4	152.9	189.1	199.9	164.4	234.3	227.6	185.9	119.8	63.7	66.5	1815.9
{ 1882-90	66.6	86.2	146.0	191.0	210.5	246.2	272.8	236.6	191.6	119.2	70.2	51.6	1888.5

* The average possible sunshine for February, 1882-90, was 293.9 hours.

TABLE IV. Monthly summary of inches of rain and snow precipitation in the several districts of Ontario in 1890; also the average derived for the nine years 1882-90.

Districts.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total for the year.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
West and south-west:													
Rain.... { 1890...	3.44	1.82	1.05	2.52	4.30	4.48	2.06	2.91	1.71	5.15	2.92	0.31	32.67
{ 1882-90	1.38	1.68	1.24	1.71	3.55	3.43	2.51	2.68	2.34	2.75	2.43	1.45	26.95
Snow.... { 1890...	4.7	6.2	11.1	0.1	0.0	.....	.....	.....	.....	8	2.9	25.1	50.1
{ 1882-90	16.8	11.2	10.7	3.6	0.1	.....	.....	.....	.....	0.2	6.2	15.5	64.3
North-west and north:													
Rain.... { 1890...	1.93	0.85	0.59	2.04	2.88	3.15	3.38	3.28	2.21	2.88	1.73	0.84	25.76
{ 1882-90	1.11	0.73	0.85	1.39	2.64	2.90	2.48	2.58	2.97	2.85	2.04	1.20	23.74
Snow.... { 1890...	25.5	20.7	17.5	1.1	2.7	.....	.....	.....	.....	0.7	6.5	25.7	100.4
{ 1882-90	29.8	22.4	14.4	4.2	0.6	.. ..	.....	.....	.....	1.4	13.8	22.3	108.9
Centre:													
Rain.... { 1890...	2.78	1.88	0.86	1.94	3.05	4.14	2.24	3.09	2.04	4.94	3.38	0.13	30.47
{ 1882-90	1.34	1.34	1.09	1.58	2.73	3.16	2.30	2.32	2.42	2.44	2.30	1.37	24.39
Snow.... { 1890...	8.9	9.1	10.8	0.1	0.0	.....	.....	.....	.....	0.0	3.0	15.2	47.1
{ 1882-90	18.4	11.7	10.0	3.4	0.1	.....	.....	.....	.....	0.3	5.5	12.1	61.5
East and north-east:													
Rain.... { 1890...	2.19	1.86	0.74	1.80	2.72	3.23	3.47	3.59	2.16	1.91	1.82	0.10	25.59
{ 1882-90	1.06	0.85	0.85	1.40	2.51	2.88	2.89	2.63	2.57	2.09	1.96	1.04	22.73
Snow.... { 1890...	12.6	15.4	13.1	0.4	8	0.0	4.9	14.2	60.6
{ 1882-90	22.4	18.8	14.2	5.2	0.3	0.5	9.1	14.7	85.2

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TABLE V. Summary of the total fall of rain and snow, and of the number of days on which rain or snow fell in Ontario during the years 1889 and 1890 at stations reporting for the whole year, and the average for the province.

Stations.	Observers.	Rain.				Snow.			
		1890.		1889.		1890.		1889.	
		Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.
ESSEX:									
Cottam	W. E. Wagstaff ...	33.36	114	28.98	73	33.7	25	12.9	9
Pelee Island.....	J. Quick.....	35.47	59	26.91	60	35.0	7	36.0	8
KENT									
Blenheim	W. R. Fellows.....	37.08	100	33.15	72	39.3	17	33.0	21
Chatham.....	W. D. A. Ross.....	38.14	108	25.79	73	29.1	22	30.2	29
Dealtown	S. J. Pardo	38.44	109	31.11	102	21.8	22	17.8	24
Ridgetown.....	T. Scane.....	36.47	132	27.41	115	48.7	35	15.5	30
ELGIN:									
Cowall	S. Maccoll.....	31.55	95	23.06	86	32.0	27	51.0	18
Lyons	Wm. McCredie....	35.06	91	25.11	87	42.1	20	50.3	24
Port Stanley	M. Payne.....	33.74	164	30.38	142	64.1	67	64.7	65
NORFOLK:									
Port Dover.....	H. Morgan.....	34.31	160	22.43	122	34.7	48	41.8	46
WELLAND:									
Niagara Falls S.....	E. Morden	35.75	110	31.23	93	35.7	28	46.0	24
LAMBERTON:									
Birnam.....	J. S. Mellor.....	32.72	105	29.98	91	63.4	34	73.3	30
Oil Springs.....	A. Smyth.....	25.07	75	20.57	49	31.5	21	49.0	27
Sarnia	Wm. Mowbray.....	29.53	70	20.45	58	33.5	12	37.5	16
Thedford	Martin Wattson....	35.63	104	26.46	101	48.5	34	63.5	25
Watford	D. Ross.....	29.39	75	26.97	68				
Wyoming	J. Osborne.....	30.77	96	21.05	82	12.5	8	43.8	31
HURON:									
Goderich, L. H.....	R. Campbell.....	24.01	84	22.78	74	83.5	38	90.5	32
Sunshine	G. Hood.....	27.34	99	28.82	91	60.7	44	98.1	40
Zurich	G. Hess.....	36.76	101	29.21	89	71.2	33	96.3	37
BRUCE:									
Lucknow	M. Macdonald.....	28.93	129	30.09	120	85.8	70	111.6	67
North Bruce.....	J. B. Muir.....	25.50	120	24.57	98	62.4	53	50.5	38
Point Clark	J. Ray.....	24.56	52	21.76	42	54.0	26	99.0	18
Saugeen.....	Mrs. J. R. Stuart....	25.43	140	23.99	109	100.8	84	111.2	71
GREY:									
Bognor.....	C. H. Heming.....	27.37	124	21.86	62	111.8	56	88.5	24
Durham.....	J. Gunn, M.D.....	26.48	113	22.22	96	144.0	80	26.0	52
Owen Sound.....	John McLean.....	28.95	79	24.50	62	103.0	38	110.9	36
Presque Isle.....	J. McKenzie.....	31.20	93	27.99	90	82.9	43	115.8	49
SIMCOE:									
Coldwater	J. B. Lazonby.....	26.44	97	23.58	76	103.9	52	122.6	56
Orillia	H. A. Fitton.....	23.16	104	20.98	105	96.0	68	129.0	68
MIDDLESEX:									
Coldstream.....	Daniel Zavitz	31.98	96	26.85	87	50.5	27	79.0	30
London	E. B. Reid & J. S. Dewar.....	30.94	109	24.43	107	71.0	52	123.0	36
Wilton Grove.....	H. Anderson.....	30.75	91	25.18	68	48.8	19	50.0	17
OXFORD:									
Princeton	D. Beamer.....	27.28	105	22.71	91	39.5	23	67.2	40
Woodstock.....	Prof. Wolverton....	33.53	111	22.97	100	74.6	41	93.9	40
BRANT:									
Paris.....	John Kay.....	33.47	115	27.76	107	25.5	19	49.3	22
St. George.....	Dr. Kitchen.....	33.63	121	25.98	105	44.8	36	62.1	40
PERTH:									
St. Mary's.....	J. Thomson.....	34.90	97	28.85	88	57.5	24	77.0	35
WELLINGTON:									
Elora	T. Connor.....	33.97	78	28.62	69	39.2	33	54.0	29
Fergus	A. D. Ferrier.....	31.56	105	24.20	112	54.1	48	98.4	53
Guelph, O.A.C.....	C. A. Zavitz.....	16.49	60	23.15	85	17.9	33	83.9	38

TABLE V. THE WEATHER.—Continued.

Stations.	Observers.	Rain.				Snow.			
		1890.		1889.		1890.		1889.	
		Inches.	Days.	Inches.	Days.	Inches.	Days.	Inches.	Days.
WATERLOO :									
Conestogo	G. A. McIntyre....	31.22	119	24.76	102	41.1	62	68.8	50
DUFFERIN :									
Orangeville	N. Gordon.....	31.87	65	24.25	62	59.5	23	88.5	24
WENTWORTH :									
Stoney Creek	C. F. Van Wagner.	37.86	87	27.40	94	25.0	21	66.3	29
HALTON :									
Georgetown	J. Barber, jr.....	28.72	146	24.94	117	54.7	59	78.3	56
Nelson	J. Ireland.....	30.61	121	24.74	98	47.2	40	53.4	32
YORK :									
Aurora	Rev. R. W. Amos..	25.56	90	22.76	79	57.7	42	62.2	25
Scarborough.....	R. Martin.....	30.42	124	25.42	118	42.2	50	42.8	51
Sharon.....	J. D. Graham.....	23.32	114	24.42	84	61.6	52	99.6	41
Toronto	Observatory	32.11	145	24.58	127	52.6	81	66.5	60
ONTARIO									
Oshawa	Rev. J. Middleton.	29.12	86	27.41	80	30.4	17	46.4	18
LEN'X & ADDINGTON									
Denbigh	J. Lane	25.11	63	25.96	61	96.5	38	98.0	27
FRONTENAC :									
Kingston	A. P. Knight	26.29	131	26.71	124	69.1	71	88.4	49
GLENGARRY :									
Alexandria	J. Smith	30.10	125	24.21	107	97.2	71	87.3	55
CARLETON :									
Ottawa	Wm. T. Ellis.....	25.25	120	20.23	82	71.3	68	54.0	18
RENFREW :									
Clontarf.....	A. Schultz.....	24.40	93	22.78	103	89.1	68	97.5	46
Renfrew	A. F. Wright.....	17.15	76	22.66	73	67.0	38	78.7	23
Rockliffe	W. H. McIntyre...	16.75	75	22.67	64	81.7	58	75.4	34
LANARK :									
Oliver's Ferry	W. J. McLean.....	25.36	78	25.73	73	54.0	15	65.0	26
VICTORIA :									
Lindsay	Thos. Beall.....	24.81	114	27.19	121	77.5	80	100.4	59
PETERBOROUGH :									
Ennismore	Thos. Tellford.....	30.04	109	27.15	97	59.5	45	69.5	51
Norwood	Rev. J. Carmichael	21.96	64	17.79	53	47.8	28	106.1	32
HALIBURTON :									
Haliburton	C. R. Stewart.....	21.32	94	24.13	94	59.3	66	82.9	48
HASTINGS :									
Bancroft.....	John Cleak.....	21.93	87	.....	.....	101.0	48	.....	.....
Deseronto	J. Russell.....	21.02	85	23.06	83	53.1	34	76.2	29
Shannonville	John Kemp.....	22.22	55	19.79	61	50.0	21	64.0	28
MUSKOKA :									
Bala	E. B. Sutton.....	30.69	133	25.53	117	74.6	58	85.7	63
Beatrice.....	J. Hollingworth...	27.38	104	25.27	99	89.8	28	105.0	41
Charlinch	C. J. Tisdall.....	30.24	117	27.81	116	89.8	80	96.6	62
Gravenhurst.....	T. M. Robinson...	21.61	84	24.81	92	83.0	45	100.5	45
PARRY SOUND :									
Lynch Lake.....	G. Ambury.....	30.38	115	23.13	108	153.1	73	122.7	76
Parry Sound	P. R. Mosely.....	29.37	127	24.55	108	100.7	73	88.7	68
Sprucedale	A. McKenzie.....	29.39	68	24.92	65	76.3	28	72.0	23
Upland	P. Macdonald.....	38.85	113	33.75	111	108.7	72	104.8	67
ALGOMA :									
Cartier.....	Agent C.P.R.....	19.12	70	23.75	85	132.0	56	85.0	50
Port Arthur.....	W. P. Cooke.....	16.49	74	18.40	91	36.8	50	61.0	45
Savanne.....	Agent C.P.R.....	9.94	45	12.02	39	95.0	51	145.2	47
White River.....	"	13.57	93	18.77	86	116.7	107	144.1	89
Average for the Province		28.44	100	24.90	89	64.8	44	76.1	39

THE WEATHER.

TABLE VI. Comparative Meteorological Register for the seven years 1884-90 as recorded at Toronto Observatory, in Latitude 43° 39.4' North and Longitude 5h. 17m. 34.65s. West.

Register.	1890.	1889.	1888.	1887.	1886.	1885.	1884.
	°	°	°	°	°	°	°
Average temperature.....	45.02	45.44	42.70	44.14	43.71	41.57	43.79
Difference from average (50 years).....	+ 0.91	+ 1.33	- 1.41	+ 0.03	- 0.40	- 2.54	- 0.32
Thermic anomaly (Lat. 43° 40').....	- 6.00	- 5.58	- 8.32	- 6.88	- 7.31	- 9.45	- 7.23
Highest temperature.....	89.4	88.7	92.0	97.2	89.5	88.6	89.6
Lowest temperature.....	- 2.7	-11.3	-16.1	-16.6	-22.8	-16.1	-13.3
Annual range.....	92.1	100.0	108.1	113.8	112.3	104.7	102.9
Average daily range.....	16.22	15.55	16.55	17.12	16.53	16.85	17.05
Greatest daily range.....	36.0	42.8	37.7	34.0	32.6	39.2	34.8
Average height of bar. at 32° Fah.....	29.6313	26.6177	29.6448	29.6329	20.6255	29.5933	29.6273
Difference from average (49 years).....	+ .0129	- .0007	+ .0264	+ .0145	+ .0071	- .0251	+ .0089
Highest barometer.....	30.334	30.365	30.432	30.607	30.283	30.300	30.412
Lowest barometer.....	28.762	28.582	28.793	28.704	28.752	28.714	28.807
Monthly and annual ranges.....	1.572	1.783	1.639	1.903	1.531	1.586	1.605
Average humidity of the air.....	78	77	74	75	77	77	76
Difference from average.....	+ 1	0	- 3	- 2	0	0	- 1
Average elasticity of aqueous vapor.....	0.272	0.271	0.243	0.261	0.260	0.249	0.261
Average of cloudiness.....	0.62	0.63	0.63	0.63	0.61	0.61	0.63
Difference from average (36 years).....	.00	+ .01	+ .01	+ .01	- .01	- .01	+ .01
Resultant direction of wind.....	N 48 W	N 63 W	N 59 W	N 46 W	N 56 W	N 62 W	N 55 W
“ velocity of the wind.....	1.80	2.04	2.67	1.92	2.13	2.60	3.30
Average velocity (miles per hour).....	9.19	9.08	9.71	9.88	9.73	9.95	10.29
Difference from average (15 years).....	- 0.45	- 0.56	+ 0.07	+ 0.24	+ 0.09	+ 0.31	+ 0.65
Total amount of rain in inches.....	32.110	24.575	22.819	17.969	27.726	26.351	20.532
Difference from average (50 years).....	+ 4.792	- 2.743	- 4.499	- 9.349	+ 0.408	- 0.967	- 6.786
Number of days of rain.....	145	127	133	106	112	103	123
Total amount of snow in inches.....	52.6	66.5	34.6	77.9	73.5	65.6	80.2
Difference from average (47 years).....	-17.6	- 3.7	-35.6	+ 7.7	+ 3.3	- 4.6	+10.0
Number of days of snow.....	81	60	83	78	66	73	69
Number of fair days.....	159	187	175	203	196	203	184
Number of days completely clouded.....	68	79	58	76	74	65	89
Number of auroras observed.....	7	6	21	25	29	31	20
Possible to see auroras (No. of nights).....	188	169	183	180	189	195	202
Number of thunder storms.....	21	24	23	22	26	19	30
Number of fogs.....	43	34	26	39	29	30	45
Number of hours of bright sunshine.....	1977.6	1909.2	2048.3	2063.5	2034.4	2018.3	1931.8
Difference from average (9 years).....	-43.7	-112.1	+27.0	+42.2	+13.1	- 3.0	-89.5
Number of hours of possible sunshine.....	4463.3	4463.3	4474.4	4463.3	4463.3	4463.3	4474.4

RURAL AREA.

TABLE VII. Showing by County Municipalities and groups of counties the Rural Area of Ontario as returned by municipal assessors for 1890.

Counties.	Acres of assessed land.			Acres cleared.		Acres woodland.	Acres swamp, marsh or water.	Per cent. cleared.
	Resident.	Non-resident.	Total occupied.	1890.	1889.			
Essex	409,537	20,618	430,155	212,120	202,984	197,986	20,049	49.3
Kent	542,035	21,591	563,626	304,453	294,498	239,034	20,139	54.0
Elgin	434,884	2,687	437,571	279,298	273,754	145,415	12,858	63.8
Norfolk	390,583	6,567	397,150	234,108	231,432	133,714	29,328	58.9
Haldimand	280,161	13	280,174	204,371	201,729	63,883	11,920	72.9
Welland	220,763	6,378	227,141	163,475	162,387	53,467	10,199	72.0
Totals	2,277,963	57,854	2,335,817	1,397,825	1,366,784	833,499	104,493	59.8
Lambton	633,123	26,412	659,535	306,379	295,376	343,042	10,114	46.5
Huron	788,511	10,459	798,970	563,959	554,226	138,776	96,235	70.6
Bruce	789,966	26,378	816,344	458,363	452,162	254,017	103,964	56.1
Totals	2,211,600	63,249	2,274,849	1,328,701	1,301,764	735,835	210,313	58.4
Grey	1,029,194	29,763	1,058,957	559,481	551,648	341,481	157,995	52.8
Simcoe	897,173	56,413	953,586	482,378	475,507	433,150	38,058	50.6
Totals	1,926,367	86,176	2,012,543	1,041,859	1,027,155	774,631	196,053	51.8
Middlesex	748,546	8,179	756,725	534,229	528,082	209,050	13,446	70.6
Oxford	470,655	949	471,604	346,886	343,550	96,586	28,132	73.6
Brant	213,716	2,325	216,041	171,136	172,562	25,294	19,611	79.2
Perth	512,741	5,102	517,843	365,633	363,787	97,300	54,910	70.6
Wellington	622,157	5,281	627,438	440,351	440,667	102,729	84,358	70.2
Waterloo	300,825	5,206	306,031	239,921	234,979	48,754	17,356	78.4
Dufferin	341,474	13,097	354,571	194,853	187,977	77,717	82,001	55.0
Totals	3,210,114	40,139	3,250,253	2,293,009	2,271,604	657,430	299,814	70.5
Lincoln	187,483	4,074	191,557	153,241	147,542	36,146	2,170	80.0
Wentworth	270,291	3,143	273,434	209,240	207,559	41,555	22,639	76.5
Halton	222,791	935	223,726	169,726	165,388	39,389	14,611	75.9
Peel	287,999	203	288,202	241,351	238,290	31,971	14,880	83.7
York	526,841	7,774	534,615	410,287	407,599	67,638	56,690	76.7
Ontario	484,581	14,195	498,776	340,473	335,463	93,031	65,272	68.3
Durham	366,774	1,943	368,717	272,581	273,509	67,590	28,546	73.9
Northumberland	429,248	4,625	433,873	321,327	313,987	88,622	23,924	74.1
Prince Edward	228,553	3,089	231,642	182,393	181,481	39,423	9,826	78.7
Totals	3,004,561	39,981	3,044,542	2,300,619	2,270,818	505,365	238,558	75.6
Lennox & Addington	369,884	44,941	414,825	204,917	206,312	121,983	87,925	49.4
Frontenac	579,779	98,568	678,347	219,811	214,396	294,688	163,848	32.4
Leeds and Grenville	732,177	8,427	740,604	419,125	417,175	203,498	117,981	56.6
Dundas	234,557	2,500	237,057	135,841	134,166	64,692	37,524	57.3
Stormont	248,909	2,666	251,575	117,631	115,779	114,711	19,233	46.8
Glengarry	287,288	35	287,323	147,294	146,322	121,887	18,142	51.3
Prescott	263,810	21,711	285,521	138,491	137,127	118,015	29,015	48.5
Russell	237,297	15,278	252,575	80,516	75,548	151,435	20,624	31.9
Carleton	550,289	11,533	561,822	289,943	285,941	142,314	129,565	51.6
Renfrew	862,715	31,863	894,578	262,716	262,561	554,678	76,184	29.4
Lanark	635,159	34,088	669,247	285,151	289,102	264,770	119,326	42.6
Totals	5,001,864	271,610	5,273,474	2,301,436	2,284,429	2,152,671	819,367	43.6
Victoria	503,619	67,056	570,675	244,356	238,282	183,208	143,111	42.8
Peterborough	514,120	26,925	541,045	232,351	221,723	249,276	59,418	42.9
Haliburton	544,554	17,481	562,035	29,907	29,695	498,321	33,807	5.3
Hastings	909,342	66,092	975,434	332,858	334,750	497,313	145,263	34.1
Totals	2,471,635	177,554	2,649,189	839,472	824,450	1,428,118	381,599	31.7
Muskoka	445,613	69,363	514,976	55,708	52,686	396,994	62,274	10.8
Parry Sound	415,797	39,433	455,230	41,985	35,817	375,082	38,163	9.2
*Nipissing	143,341	26,175	169,516	11,333	8,632	152,446	5,737	6.7
†Algoma	346,271	91,621	437,892	46,752	40,969	331,376	59,764	10.7
Totals	1,351,022	226,592	1,577,614	155,778	138,104	1,255,898	165,938	9.9
The Province. { 1890 21,455,126 963,155 22,418,281 11,658,699 11,485,108 8,343,447 2,416,135 52.0	1889 21,294,019 984,619 22,278,638					8,451,181 2,342,349 51.5		

* Not including the organised township of McKim.

† Not including the acreages of the organised townships of Keewatin, Neebing, Rat Portage and Shuniah.

AREA AND PRODUCE—FALL WHEAT.

TABLE VIII. Showing by County Municipalities and groups of Counties the area and produce of Fall Wheat in Ontario in the years 1889 and 1890, with the yearly average for the nine years 1882-90; also the yield per acre.

Counties.	1890.			1889.			Yearly average for the nine years 1882-90.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Essex	25,954	428,241	16.5	29,302	460,041	15.7	31,127	609,295	19.6
Kent	48,259	965,180	20.0	57,542	840,113	14.6	59,240	1,159,579	19.6
Elgin	39,096	836,654	21.4	38,603	629,229	16.3	43,435	843,696	19.4
Norfolk	30,579	617,696	20.2	31,536	460,426	14.6	32,729	584,795	17.9
Haldimand	29,515	442,725	15.0	33,409	481,090	14.4	32,736	528,172	16.1
Welland	20,313	345,321	17.0	19,082	284,322	14.9	22,238	358,707	16.1
Totals	193,716	3,635,817	18.8	209,474	3,155,221	15.1	221,505	4,084,244	18.4
Lambton	29,998	545,964	18.2	36,535	610,135	16.7	34,447	651,547	18.9
Huron	44,978	989,516	22.0	53,582	723,357	13.5	65,064	1,274,988	19.6
Bruce	32,789	711,521	21.7	37,084	478,384	12.9	46,738	899,231	19.2
Totals	107,765	2,247,001	20.9	127,201	1,811,876	14.2	146,249	2,825,766	19.3
Grey	18,759	333,910	17.8	25,426	333,081	13.1	26,600	514,968	19.4
Simcoe	47,946	872,617	18.2	56,082	1,003,868	17.9	53,632	1,107,819	20.7
Totals	66,705	1,206,527	18.1	81,508	1,336,949	16.4	80,232	1,622,787	20.2
Middlesex	60,169	1,365,836	22.7	59,411	879,283	14.8	71,512	1,407,630	19.7
Oxford	33,927	800,677	23.6	34,286	582,862	17.0	38,401	769,246	20.0
Brant	21,998	468,616	21.9	21,437	342,992	16.0	28,789	533,412	18.5
Perth	29,642	637,303	21.5	39,474	528,952	13.4	43,755	859,752	19.6
Wellington	12,102	231,148	19.1	16,672	253,414	15.2	24,914	494,306	19.8
Waterloo	32,550	696,570	21.4	36,128	610,563	16.9	39,013	801,145	20.5
Dufferin	4,894	89,071	18.2	4,747	66,933	14.1	9,955	190,602	19.1
Totals	194,682	4,289,221	22.0	212,155	3,264,999	15.4	256,339	5,056,093	19.7
Lincoln	18,186	318,255	17.5	18,764	335,876	17.9	21,262	382,800	18.0
Wentworth	23,755	406,211	17.1	23,679	367,025	15.5	30,032	550,088	18.3
Halton	16,284	260,544	16.0	20,415	453,213	22.2	21,419	412,982	19.3
Peel	16,129	288,709	17.9	22,804	433,276	19.0	25,380	535,809	21.1
York	24,134	514,054	21.3	29,855	638,897	21.4	35,650	782,327	21.9
Ontario	4,153	88,044	21.2	5,307	93,934	17.7	8,990	198,033	22.0
Durham	4,242	92,900	21.9	5,603	85,166	15.2	3,670	74,526	20.3
Northumberland	12,873	262,609	20.4	17,960	237,072	13.2	11,296	229,260	20.3
Prince Edward	3,345	76,935	23.0	1,863	41,918	22.5	2,231	40,062	18.0
Totals	123,101	2,308,261	18.8	146,250	2,686,377	18.4	159,930	3,205,887	20.0
Lennox and Addington	2,651	50,369	19.0	2,649	49,536	18.7	2,144	37,769	17.6
Frontenac	707	10,888	15.4	947	15,247	16.1	1,656	30,669	18.5
Leeds and Grenville	2,672	40,614	15.2	3,790	68,220	18.0	4,875	89,214	18.3
Dundas	285	4,275	15.0	353	7,237	20.5	1,025	18,389	17.9
Stormont	127	1,524	12.0	138	2,470	17.9	612	11,083	18.1
Glengarry	65	813	12.5	104	1,872	18.0	543	8,891	16.4
Prescott	45	540	12.0	.....	.....	.....	71	882	12.4
Russell	27	592	16.0	265	4,240	16.0	209	3,693	17.7
Carleton	778	14,938	19.2	373	6,677	17.9	1,423	21,339	15.0
Renfrew	418	7,942	19.0	214	5,050	23.6	896	15,885	17.7
Lanark	2,177	27,430	12.6	3,688	70,810	19.2	3,089	58,259	18.9
Totals	9,952	159,925	16.1	12,521	231,359	18.5	16,543	296,073	17.9
Victoria	2,825	43,223	15.3	5,592	76,610	13.7	7,951	156,275	19.7
Peterborough	8,355	132,845	15.9	13,495	160,591	11.9	10,186	198,507	19.5
Haliburton	271	3,686	13.6	225	3,218	14.3	134	2,080	15.5
Hastings	11,825	224,675	19.0	13,017	264,245	20.3	9,100	177,301	19.5
Totals	23,276	404,429	17.4	32,329	504,664	15.6	27,371	534,163	19.5
Muskoka	32	480	15.0	106	1,855	17.5	65	1,123	17.3
Parry Sound	157	1,993	12.5	30	450	15.0	48	771	16.1
Nipissing	20	276	13.8	.....	.....	.....	2	31	13.8
Algoma	695	13,463	19.4	541	8,115	15.0	439	8,602	19.6
Totals	904	16,202	17.9	677	10,420	15.4	554	10,527	19.0
The Province	720,101	14,267,383	19.8	822,115	13,001,865	15.8	908,723	17,635,540	19.4

AREA AND PRODUCE—SPRING WHEAT.

TABLE 1X. Showing by County Municipalities and groups of Counties the area and produce of Spring Wheat in Ontario in the years 1889 and 1890, with the yearly average for the nine years 1882-90; also the yield per acre.

Counties.	1890.			1889.			Yearly average for the nine years 1882-90.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Essex	2,907	38,663	13.3	679	8,963	13.2	1,671	25,020	15.0
Kent	10,243	146,474	14.3	2,149	37,608	17.5	3,524	54,973	15.6
Elgin	1,436	23,407	16.3	491	7,414	15.1	1,694	26,086	15.4
Norfolk	769	10,535	13.7	440	6,028	13.7	823	11,751	14.3
Haldimand	7,299	81,019	11.1	1,894	23,107	12.2	3,278	43,743	13.3
Welland	894	10,549	11.8	258	2,683	10.4	1,431	19,833	13.9
Totals	23,548	310,647	13.2	5,911	85,803	14.5	12,421	181,356	14.6
Lambton	7,098	107,180	15.1	1,714	22,796	13.3	6,309	91,957	14.6
Huron	9,379	152,878	16.3	2,235	29,279	13.1	16,495	222,432	13.5
Bruce	13,768	209,274	15.2	8,017	97,006	12.1	13,458	187,193	13.9
Totals	30,245	469,332	15.5	11,966	149,081	12.5	36,262	501,582	13.8
Grey	33,734	448,662	13.3	23,116	286,638	12.4	40,440	563,998	13.9
Simcoe	36,774	485,417	13.2	30,898	451,111	14.6	34,966	528,336	15.1
Totals	70,508	934,079	13.2	54,014	737,749	13.7	75,406	1,092,334	14.5
Middlesex	4,936	85,393	17.3	1,216	18,483	15.2	10,487	159,347	15.2
Oxford	7,168	117,555	16.4	1,543	25,151	16.3	9,195	148,379	16.1
Brant	1,563	26,415	16.9	53	832	15.7	1,214	16,917	13.9
Perth	9,900	172,260	17.4	1,853	31,872	17.2	12,144	179,140	14.8
Wellington	20,826	366,538	17.6	8,103	123,166	15.2	20,034	293,200	14.6
Waterloo	2,846	47,528	16.7	361	5,776	16.0	4,822	71,156	14.8
Dufferin	24,810	377,112	15.2	19,077	221,293	11.6	20,766	295,930	14.3
Totals	72,049	1,192,801	16.6	32,206	426,573	13.2	78,662	1,164,069	14.8
Lincoln	3,017	34,997	11.6	888	11,810	13.3	2,185	31,643	14.5
Wentworth	5,135	73,431	14.3	907	11,700	12.9	2,723	40,558	14.9
Halton	8,820	121,716	13.8	2,540	42,672	16.8	3,952	59,293	15.0
Peel	22,470	343,791	15.3	8,822	140,270	15.9	13,267	219,047	16.5
York	32,894	427,622	13.0	20,524	320,174	15.6	26,392	442,525	16.8
Ontario	51,289	538,535	10.5	41,582	681,945	16.4	46,943	739,381	16.8
Durham	35,779	379,257	10.6	25,507	390,257	15.3	36,550	587,536	16.1
Northumberland	29,210	315,468	10.8	18,190	203,728	11.2	27,596	379,181	13.7
Prince Edward	6,884	88,804	12.9	3,716	39,390	10.6	6,543	89,359	13.7
Totals	195,498	2,323,621	11.9	122,676	1,841,946	15.0	166,151	2,638,523	15.9
Lennox and Addington	6,510	67,053	10.3	2,689	35,495	13.2	5,970	85,917	14.4
Frontenac	9,398	98,679	10.5	8,536	92,189	10.8	8,720	127,791	14.7
Leeds and Grenville	13,181	127,856	9.7	10,731	123,407	11.5	13,161	204,681	15.6
Dundas	4,236	56,339	13.3	3,811	51,449	13.5	4,584	85,828	18.7
Stormont	4,073	56,207	13.8	4,657	58,213	12.5	4,477	79,782	17.8
Glengarry	7,967	91,621	11.5	7,589	103,969	13.7	7,898	127,259	16.1
Prescott	9,060	122,310	13.5	7,904	81,411	10.3	8,218	128,725	15.7
Russell	3,559	48,402	13.6	3,469	48,219	13.9	4,039	67,518	16.7
Carleton	25,165	269,266	10.7	19,223	349,859	18.2	21,800	366,573	16.8
Renfrew	26,482	325,729	12.3	23,446	459,542	19.6	24,455	399,614	16.3
Lanark	16,029	144,261	9.0	14,443	155,984	10.8	14,504	210,396	14.5
Totals	125,660	1,407,723	11.2	106,498	1,559,737	14.6	117,826	1,884,084	16.0
Victoria	35,477	457,653	12.9	25,336	364,838	14.4	32,048	474,935	14.8
Peterborough	28,920	335,472	11.6	22,515	279,186	12.4	25,638	342,874	13.4
Haliburton	1,940	21,340	11.0	1,291	20,398	15.8	1,366	17,574	12.9
Hastings	10,464	122,429	11.7	9,740	117,854	12.1	14,853	224,710	15.1
Totals	76,801	936,894	12.2	58,882	782,276	13.3	73,905	1,060,093	14.3
Muskoka	1,208	16,550	13.7	886	12,050	13.6	1,372	20,251	14.8
Parry Sound	1,143	13,145	11.5	569	7,454	13.1	1,384	22,097	16.0
Nipissing	260	3,718	14.3	.....	.....	.....	29	413	14.3
Algoma	4,833	75,395	15.6	5,002	95,038	19.0	6,008	115,025	19.1
Totals	7,444	108,808	14.6	6,457	114,542	17.7	8,793	157,786	17.9
The Province	601,753	7,683,905	12.8	398,610	5,697,707	14.3	569,426	8,679,827	15.2

AREA AND PRODUCE.—BARLEY.

TABLE X. Showing by County Municipalities and groups of Counties the area and produce of Barley in Ontario in the years 1889 and 1890, with the yearly average for the nine years 1882-90; also the yield per acre.

Counties.	1890.			1889.			Yearly average for the nine years 1882-90.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Essex	7,894	177,616	22.5	4,289	103,365	24.1	3,325	86,457	26.0
Kent	8,739	209,736	24.0	8,985	252,479	28.1	6,734	181,850	27.0
Elgin	8,055	190,904	23.7	4,327	113,800	26.3	4,804	128,731	26.8
Norfolk	6,088	130,283	21.4	6,418	140,554	21.9	6,171	157,189	25.5
Haldimand	12,672	198,950	15.7	13,014	287,609	22.1	14,209	317,213	22.3
Welland	3,597	58,991	16.4	3,037	67,118	22.1	3,798	87,960	23.2
Totals	47,045	966,480	20.5	40,070	964,925	24.1	39,041	959,400	24.6
Lambton	17,339	360,651	20.8	15,331	389,407	25.4	14,890	384,229	25.8
Huron	32,386	819,366	25.3	32,886	861,613	26.2	27,897	764,596	27.4
Bruce	16,622	433,834	26.1	21,691	483,709	22.3	19,108	494,756	25.9
Totals	66,347	1,613,851	24.3	69,908	1,734,729	24.8	61,895	1,643,581	26.6
Grey	15,726	396,295	25.2	20,142	443,124	22.0	22,500	552,066	24.5
Simcoe	30,632	722,915	23.6	40,301	1,092,157	27.1	31,323	806,254	25.7
Totals	46,358	1,119,210	24.1	60,443	1,535,281	25.4	53,823	1,358,320	25.2
Middlesex	17,752	434,924	24.5	16,433	404,252	24.6	15,392	406,242	26.4
Oxford	16,542	453,251	27.4	18,557	519,596	28.0	17,019	507,053	29.8
Brant	22,046	540,127	24.5	25,298	715,933	28.3	19,029	517,419	27.2
Perth	18,499	514,272	27.8	17,728	540,704	30.5	17,725	521,933	29.4
Wellington	34,022	932,203	27.4	43,289	1,320,315	30.5	35,779	1,010,069	28.2
Waterloo	20,843	619,037	29.7	21,268	686,956	32.3	17,047	522,355	30.6
Dufferin	12,502	312,550	25.0	14,307	346,229	24.2	12,024	305,773	25.4
Totals	142,206	3,806,364	24.8	156,880	4,533,985	28.9	134,015	3,790,844	28.3
Lincoln	5,315	101,517	19.1	5,103	116,859	22.9	4,454	109,466	24.6
Wentworth	15,466	335,612	21.7	17,238	436,121	25.3	13,306	365,544	27.5
Halton	12,018	288,432	24.0	16,067	485,223	30.2	13,194	368,973	28.0
Peel	36,832	865,552	23.5	45,932	1,336,621	29.1	35,730	981,913	27.5
York	51,041	1,117,798	21.9	69,073	2,155,078	31.2	57,243	1,648,561	28.8
Ontario	34,162	717,402	21.0	49,535	1,466,236	29.6	38,940	1,097,803	28.2
Durham	37,797	650,108	17.2	54,724	1,532,272	28.0	46,670	1,232,523	26.4
Northumberland	32,423	573,887	17.7	51,234	1,168,135	22.8	45,022	1,004,630	22.3
Prince Edward	31,699	618,131	19.5	43,772	1,063,660	24.3	40,218	827,588	20.6
Totals	256,753	5,268,439	20.5	352,678	9,760,205	27.7	294,777	7,637,001	25.9
Lennox and Addington	25,854	447,274	17.3	38,464	950,061	24.7	38,873	851,769	21.9
Frontenac	12,529	236,798	18.9	20,499	412,030	20.1	17,956	406,886	22.7
Leeds and Grenville	8,327	151,551	18.2	10,795	249,365	23.1	10,738	264,527	24.6
Dundas	5,336	108,321	20.3	5,741	136,636	23.8	6,608	192,912	29.2
Stormont	3,289	74,003	22.5	1,935	49,343	25.5	2,400	65,249	27.2
Glengarry	2,466	50,306	20.4	2,591	58,298	22.5	2,242	51,085	22.8
Prescott	5,005	110,110	22.0	4,233	108,788	25.7	3,021	79,543	26.3
Russell	2,222	52,439	23.6	1,849	52,881	28.6	1,541	37,819	24.5
Carleton	9,353	231,954	24.8	9,418	271,238	28.8	8,039	231,248	28.8
Renfrew	1,681	31,771	18.9	2,045	64,009	31.3	1,469	35,331	24.1
Lanark	3,554	75,345	21.2	3,975	109,313	27.5	2,925	75,731	25.9
Totals	79,616	1,569,872	19.7	101,545	2,461,962	24.2	95,812	2,292,100	23.9
Victoria	25,692	565,224	22.0	37,176	1,003,752	27.0	30,659	769,979	25.1
Peterborough	7,924	159,272	20.1	14,834	375,300	25.3	13,287	320,130	24.1
Haliburton	308	6,252	20.3	274	6,987	25.5	281	6,672	23.7
Hastings	26,848	477,894	17.8	39,988	975,707	24.4	38,977	885,587	22.7
Totals	60,772	1,208,642	19.9	92,272	2,361,746	25.6	83,204	1,982,368	23.8
Muskoka	568	11,360	20.0	451	9,381	20.8	535	11,516	21.5
Parry Sound	755	16,459	21.8	474	10,049	21.2	661	15,038	22.8
Nipissing	194	4,326	22.3	.....	.....	.....	21	480	22.3
Algoma	712	15,166	21.3	565	14,125	25.0	581	15,086	26.0
Totals	2,229	47,311	21.2	1,490	33,555	22.5	1,798	42,120	23.4
The Province	701,326	15,600,169	22.2	875,286	23,386,388	26.7	764,365	19,705,734	25.8

AREA AND PRODUCE.—OATS.

TABLE XI. Showing by County Municipalities and groups of Counties the area and produce of Oats in Ontario in the years 1889 and 1890, with the yearly average for the nine years 1882-90; also the yield per acre.

Counties.	1890.			1889.			Yearly average for the nine years, 1882-90.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Essex	40,809	1,048,791	25.7	33,899	1,159,346	34.2	30,554	1,153,952	37.8
Kent	35,034	1,005,476	28.7	36,066	1,395,754	38.7	32,886	1,301,630	39.6
Elgin	34,638	886,733	25.6	35,743	1,179,519	33.0	32,662	1,218,548	37.3
Norfolk	23,135	602,089	21.4	28,541	713,525	25.0	26,869	847,818	31.6
Haldimand	25,548	505,850	19.8	27,905	798,083	28.6	23,031	746,902	32.4
Welland	21,642	380,899	17.6	22,810	670,614	29.4	19,774	608,565	30.8
Totals	185,806	4,429,838	23.8	184,964	5,916,841	32.0	165,776	5,877,415	35.5
Lambton	55,419	1,344,149	24.7	46,396	1,503,230	32.4	40,977	1,456,480	35.5
Huron	94,630	2,952,456	31.2	95,918	3,194,069	33.3	78,662	2,860,364	36.4
Brace	73,700	2,211,000	30.0	75,463	1,939,399	25.7	61,165	1,970,117	32.2
Totals	223,749	6,507,605	29.1	217,777	6,636,698	30.5	180,804	6,286,961	31.8
Grey	101,957	3,028,123	29.7	114,396	3,409,001	29.8	88,888	2,805,811	31.6
Simcoe	75,668	2,292,740	30.3	78,390	2,884,752	36.8	64,608	2,191,339	33.9
Totals	177,625	5,320,863	30.0	192,786	6,293,753	32.6	153,496	4,997,150	32.6
Middlesex	84,083	2,522,490	30.0	87,854	3,074,890	35.0	73,440	2,770,967	37.7
Oxford	58,287	1,731,121	29.7	62,828	2,293,222	36.5	53,217	2,024,402	38.0
Brant	20,690	587,596	28.4	19,184	671,440	35.0	18,251	659,125	36.1
Perth	68,435	2,436,286	35.6	68,184	2,706,905	39.7	57,046	2,311,265	40.5
Wellington	91,045	2,968,067	32.6	88,695	3,538,931	39.9	72,253	2,642,366	36.6
Waterloo	44,317	1,316,215	29.7	40,464	1,513,354	37.4	35,932	1,337,095	37.2
Dufferin	40,040	1,057,056	26.4	35,410	1,193,317	33.7	29,954	1,010,792	33.7
Totals	406,897	12,618,834	31.0	402,619	14,992,059	37.2	340,093	12,756,012	37.5
Lincoln	20,232	418,802	20.7	17,467	534,490	30.6	17,815	583,689	32.8
Wentworth	30,455	785,739	25.8	32,400	949,320	29.3	28,832	1,037,447	36.0
Halton	22,443	626,160	27.9	21,926	835,381	38.1	19,040	682,716	35.9
Peel	37,109	1,105,848	29.8	36,319	1,430,969	39.4	29,791	1,103,329	37.0
York	76,512	2,433,082	31.8	72,099	2,912,800	40.4	63,679	2,528,619	39.7
Ontario	54,935	1,659,037	30.2	59,267	2,441,800	41.2	49,297	1,879,508	38.1
Durham	36,511	938,333	25.7	37,726	1,331,728	35.3	33,784	1,188,536	35.2
Northumberland	34,521	869,929	25.2	34,088	1,032,866	30.3	30,322	896,035	29.6
Prince Edward	14,488	378,137	26.1	13,592	400,964	29.5	13,571	376,690	27.8
Totals	327,206	9,215,067	28.2	324,884	11,870,318	36.5	286,131	10,276,569	35.9
Lennox and Addington	25,212	562,228	22.3	24,704	741,120	30.0	22,410	629,168	28.1
Frontenac	29,902	702,697	23.5	33,104	923,602	27.9	27,656	779,183	28.2
Leeds and Grenville	72,221	1,661,083	23.0	76,443	2,232,136	29.2	65,756	2,059,724	31.3
Dundas	29,823	754,522	25.3	33,947	977,674	28.8	29,551	1,035,376	35.0
Stormont	22,342	625,576	28.0	24,727	712,138	28.8	24,137	827,565	34.3
Glengarry	30,480	697,992	22.9	31,651	870,403	27.5	30,168	951,253	31.5
Prescott	31,013	790,832	25.5	28,427	770,372	27.1	26,446	814,043	30.8
Russell	22,417	656,818	29.3	18,900	553,770	29.3	18,495	589,586	31.9
Carleton	63,724	1,816,134	28.5	70,851	2,160,956	30.5	60,231	2,077,789	34.5
Renfrew	43,262	1,163,748	26.9	50,287	1,971,250	39.2	40,800	1,295,443	31.8
Lanark	41,012	1,099,122	26.8	44,446	1,257,822	28.3	37,111	1,139,396	30.7
Totals	411,408	10,530,752	25.6	437,487	13,171,243	30.1	382,761	12,198,526	31.9
Victoria	42,032	1,269,366	30.2	48,058	1,691,642	35.2	38,855	1,289,503	33.2
Peterborough	31,797	880,777	27.7	36,528	1,220,035	33.4	29,932	935,178	31.2
Haliburton	5,777	155,979	27.0	6,822	216,940	31.8	5,127	140,970	27.5
Hastings	43,330	1,122,247	25.9	47,662	1,601,443	33.6	41,953	1,233,800	29.4
Totals	122,936	3,428,369	27.9	139,070	4,730,060	34.0	115,867	3,599,451	31.1
Muskoka	10,558	280,843	26.6	11,414	342,420	30.0	8,899	257,320	28.9
Parry Sound	7,569	196,037	25.9	6,036	164,179	27.2	4,929	148,888	30.2
Nipissing	1,668	49,039	29.4	.....	.....	.....	185	5,449	29.4
Algoma	6,944	190,960	27.5	6,407	228,730	35.7	4,549	162,535	35.7
Totals	26,739	716,879	26.8	23,857	735,329	30.8	18,562	574,192	30.9
The Province	1,882,366	52,768,207	28.0	1,923,444	64,346,301	33.5	1,643,490	56,566,276	34.4

AREA AND PRODUCE—RYE.

TABLE XII. Showing by County Municipalities and groups of Counties the area and produce of Rye in Ontario for the years 1889 and 1890, with the yearly average for the nine years 1882-90; also the yield per acre.

Counties.	1890.			1889.			Yearly average for the nine years 1882-90.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Essex	873	14,841	17.0	845	15,844	18.8	804	16,305	20.3
Kent	1,484	32,203	21.7	806	17,732	22.0	737	15,858	21.5
Elgin	1,116	18,972	17.0	1,834	35,396	19.3	1,313	23,675	18.0
Norfolk	9,714	124,339	12.8	8,539	76,851	9.0	7,730	106,187	13.7
Haldimand	564	7,896	14.0	477	4,675	9.8	809	13,087	16.2
Welland	243	3,645	15.0	641	10,641	16.6	618	10,602	17.2
Totals	13,994	201,896	14.4	13,142	161,139	12.3	12,011	185,714	15.5
Lambton	462	8,778	19.0	312	5,538	17.8	249	4,243	17.0
Huron	306	4,590	15.0	232	3,480	15.0	270	4,650	17.2
Bruce	964	19,280	20.0	437	8,740	20.0	460	8,404	18.3
Totals	1,732	32,648	18.8	981	17,758	18.1	979	17,297	17.7
Grey	1,031	14,125	13.7	403	8,181	20.3	574	9,956	17.3
Simcoe	3,038	47,697	15.7	2,500	44,000	17.6	2,373	42,646	18.0
Totals	4,069	61,822	15.2	2,903	52,181	18.0	2,947	52,602	17.8
Middlesex	892	15,342	17.2	553	9,290	16.8	519	8,955	17.2
Oxford	1,502	24,032	16.0	1,539	26,625	17.3	1,238	19,272	15.6
Brant	1,621	27,395	16.9	1,596	18,354	11.5	1,096	16,427	15.0
Perth	79	1,185	15.0	44	880	20.0	190	2,807	14.8
Wellington	622	10,574	17.0	935	15,147	16.2	822	14,647	17.8
Waterloo	576	10,080	17.5	453	4,892	10.8	534	9,219	17.3
Dufferin	357	5,177	14.5	329	3,455	10.5	711	12,616	17.7
Totals	5,649	93,785	16.6	5,449	78,643	14.4	5,110	83,943	16.4
Lincoln	606	7,757	12.8	139	2,349	16.9	433	6,641	15.3
Wentworth	965	14,475	15.0	1,186	17,078	14.4	980	16,602	16.9
Halton	877	11,664	13.3	415	8,300	20.0	528	8,679	16.4
Peel	586	9,786	16.7	955	14,325	15.0	1,278	25,065	19.6
York	1,089	20,691	19.0	1,326	27,846	21.0	1,671	27,884	16.7
Ontario	1,548	22,291	14.4	1,776	29,837	16.8	2,648	46,341	17.5
Durham	3,908	55,103	14.1	3,917	65,414	16.7	4,851	73,804	15.2
Northumberland	12,365	155,799	12.6	10,795	137,097	12.7	11,425	153,409	13.4
Prince Edward	6,329	88,606	14.0	10,039	156,608	15.6	8,908	124,613	14.0
Totals	28,273	386,172	13.7	30,548	458,854	15.0	32,722	483,038	14.8
Lennox and Addington	3,450	49,680	14.4	4,103	61,955	15.1	4,940	73,181	14.8
Frontenac	3,391	48,491	14.3	3,229	54,570	16.9	3,691	60,508	16.4
Leeds and Grenville	4,153	57,727	13.9	1,780	31,862	17.9	5,999	104,144	17.4
Dundas	486	10,400	21.4	897	17,940	20.0	1,322	29,833	22.6
Stormont	332	5,810	17.5	240	4,200	17.5	455	9,349	20.7
Glengarry	201	3,015	15.0	.....	.....	.....	68	1,136	16.7
Prescott	54	783	14.5	183	3,349	18.3	253	4,657	18.4
Russell	471	9,891	21.0	12	236	19.7	234	4,656	19.9
Carleton	4,558	82,500	18.1	3,808	81,110	21.3	5,957	107,864	18.1
Renfrew	9,126	156,055	17.1	5,312	126,957	23.9	6,773	131,781	19.5
Lanark	3,354	50,981	15.2	2,508	43,639	17.4	4,532	84,378	18.6
Totals	29,576	475,333	16.1	22,072	425,818	19.3	34,224	611,487	17.9
Victoria	1,819	31,651	17.4	1,240	24,056	19.4	1,232	21,199	17.2
Peterborough	6,116	86,236	14.1	2,295	27,999	12.2	3,462	53,314	15.4
Haliburton	410	6,683	16.3	141	2,637	18.7	266	4,464	16.8
Hastings	10,513	170,311	16.2	10,398	165,328	15.9	13,721	213,046	15.5
Totals	18,858	294,881	15.6	14,074	220,020	15.6	18,681	292,023	15.6
Muskoka	367	6,166	16.8	290	4,437	15.3	386	7,287	18.9
Perry Sound	154	3,711	24.1	141	3,215	22.8	322	6,765	21.0
Nipissing	82	1,558	19.0	.....	.....	.....	9	173	19.0
Algoma	307	5,373	17.5	506	9,614	19.0	219	3,835	17.5
Totals	910	16,808	18.5	937	17,266	18.4	936	18,060	19.3
The Province	103,061	1,563,345	15.2	90,106	1,431,679	15.9	107,610	1,744,164	16.2

AREA AND PRODUCE—PEASE.

TABLE XIII. Showing by County Municipalities and groups of Counties the area and produce of Pease in Ontario in the years 1889 and 1890, with the yearly average for the nine years 1882-90 : also the yield per acre.

Counties.	1890.			1889.			Yearly average for the nine years 1882-90.		
	Acres.	Bushels.	Bush. per acre.	Acres	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Essex	4,179	73,968	17.7	3,665	59,373	16.2	3,872	72,098	18.6
Kent	12,771	192,842	15.1	14,847	246,460	16.6	10,747	204,897	19.1
Elgin	19,030	249,293	13.1	15,055	230,342	15.3	13,014	232,766	17.9
Norfolk	23,842	381,472	16.0	18,808	376,160	20.0	15,804	301,239	19.1
Haldimand	18,316	289,393	15.8	14,981	247,187	16.5	13,766	252,254	18.3
Welland	6,058	75,725	12.5	4,481	84,243	18.8	4,259	71,763	16.8
Totals	84,196	1,262,693	15.0	71,837	1,243,765	17.3	61,462	1,135,017	18.5
Lambton	15,844	240,829	15.2	12,009	180,135	15.0	10,082	186,297	18.5
Huron	45,558	920,272	20.2	36,290	718,542	19.8	33,043	728,485	22.0
Bruce	43,548	1,062,571	24.4	40,353	730,389	18.1	37,641	848,547	22.5
Totals	104,950	2,223,672	21.2	88,652	1,629,066	18.4	80,766	1,763,329	21.8
Grey	48,563	1,058,673	21.8	51,523	1,143,811	22.2	45,977	984,611	21.4
Simcoe	37,511	810,238	21.6	34,542	746,107	21.6	32,044	683,745	21.3
Totals	86,074	1,868,911	21.7	86,065	1,889,918	22.0	78,021	1,668,356	21.4
Middlesex	29,829	486,213	16.3	28,773	417,209	14.5	22,739	432,041	19.0
Oxford	20,656	324,299	15.7	18,841	265,658	14.1	15,850	328,759	20.7
Brant	12,329	245,347	19.9	9,728	230,554	23.7	9,180	184,230	20.1
Perth	29,357	575,397	19.6	28,165	422,475	15.0	23,538	521,762	22.2
Wellington	43,377	915,255	21.1	39,591	779,943	19.7	37,776	846,382	22.4
Waterloo	19,999	415,979	20.8	16,237	298,761	18.4	14,784	326,695	22.1
Dufferin	15,354	322,434	21.0	13,336	282,723	21.2	11,961	250,027	20.9
Totals	170,901	3,284,924	19.2	154,671	2,697,323	17.4	135,828	2,889,896	21.3
Lincoln	7,701	120,136	15.6	5,255	89,861	17.1	4,968	88,944	17.9
Wentworth	14,046	276,706	19.7	13,181	222,759	16.9	10,933	220,469	20.2
Halton	13,729	270,461	19.7	10,297	205,940	20.0	10,633	225,090	21.2
Peel	20,465	425,672	20.8	15,946	279,055	17.5	14,257	292,727	20.5
York	36,074	771,984	21.4	32,240	648,024	20.1	28,706	634,088	22.1
Ontario	27,973	475,541	17.0	28,164	518,218	18.4	26,646	543,053	20.4
Durham	22,130	371,784	16.8	19,989	335,815	16.8	21,496	409,839	19.1
Northumberland	20,191	411,896	20.4	19,056	388,742	20.4	20,157	344,193	17.1
Prince Edward	18,907	414,063	21.9	18,630	340,929	18.3	13,482	238,989	17.7
Totals	181,216	3,538,243	19.5	162,758	3,029,343	18.6	151,278	2,997,392	19.8
Lennox and Addington	9,861	182,429	18.5	8,805	175,220	19.9	8,825	160,682	18.2
Frontenac	10,294	181,174	17.6	9,048	135,720	15.0	10,877	190,740	17.5
Leeds and Grenville	5,493	95,029	17.3	6,388	101,569	15.9	6,276	117,288	18.7
Dundas	1,262	31,298	24.8	1,526	18,770	12.3	1,672	35,759	21.4
Stormont	1,637	35,359	21.6	2,110	18,990	9.0	2,516	50,439	20.0
Glengarry	3,981	72,454	18.2	3,920	47,040	12.0	5,682	101,309	17.8
Prescott	6,396	111,930	17.5	4,306	53,394	12.4	8,604	138,436	16.1
Russell	4,039	76,741	19.0	1,869	28,035	15.0	3,739	72,113	19.3
Carleton	10,011	228,251	22.8	12,047	273,467	22.7	12,757	271,759	21.3
Renfrew	21,276	472,327	22.2	20,695	564,974	27.3	20,632	424,369	20.6
Lanark	11,346	230,324	20.3	11,712	260,006	22.2	11,369	239,822	21.1
Totals	85,596	1,717,316	20.1	82,426	1,677,185	20.3	92,949	1,802,716	19.4
Victoria	17,117	379,997	22.2	15,576	353,575	22.7	16,009	327,488	20.5
Peterborough	16,143	356,760	22.1	14,759	318,794	21.6	15,093	287,442	19.1
Haliburton	2,097	39,843	19.0	1,507	29,839	19.8	1,595	30,194	18.9
Hastings	20,707	447,271	21.6	20,225	420,680	20.8	18,510	328,475	17.7
Totals	56,064	1,223,871	21.8	52,067	1,122,888	21.6	51,207	973,799	19.0
Muskoka	3,756	83,008	22.1	2,910	61,401	21.1	2,803	58,025	20.7
Parry Sound	2,512	49,989	19.9	1,508	27,446	18.2	1,453	30,407	20.9
Nipissing	696	14,477	20.8				77	1,608	20.8
Algoma	5,245	122,209	23.3	5,174	130,902	25.3	3,841	97,579	25.4
Totals	12,209	269,683	22.1	9,592	219,749	22.9	8,174	187,619	23.0
The Province	781,206	15,389,313	19.7	708,068	13,509,237	19.1	659,685	13,418,124	20.3

AREA AND PRODUCE-CORN.

TABLE XIV. Showing by County Municipalities and groups of Counties the area and produce of Corn in Ontario in the years 1889 and 1890, with the yearly average for the eight years 1882-90 (1883 not included); also the yield per acre.

Counties.	1890.			1889.			Yearly average for the eight years 1882-90.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Essex	38,436	2,863,482	74.5	27,893	1,107,352	39.7	31,612	2,306,093	72.9
Kent	27,596	2,011,748	72.9	23,717	1,100,469	46.4	25,927	1,820,160	70.2
Elgin	13,313	812,093	61.0	12,503	642,654	51.4	14,300	1,019,321	71.3
Norfolk	13,027	648,745	49.8	12,884	663,526	51.5	13,905	871,013	62.6
Haldimand	1,916	91,585	47.8	2,582	125,227	48.5	1,949	125,613	64.4
Welland	5,626	268,360	47.7	5,705	260,148	45.6	6,155	374,508	60.8
Totals	99,914	6,696,013	67.0	85,284	3,899,376	45.7	93,848	6,516,708	69.4
Lambton	9,220	566,108	61.4	6,936	255,938	36.9	7,417	445,448	60.1
Huron	2,538	148,727	58.6	1,890	94,500	50.0	1,685	114,228	67.8
Bruce	1,832	78,776	43.0	1,051	52,550	50.0	729	37,796	51.8
Totals	13,590	793,611	58.4	9,877	402,988	40.8	9,831	597,472	60.8
Grey	2,004	100,200	50.0	962	36,556	38.0	677	32,743	48.4
Simcoe	1,342	81,862	61.0	1,041	59,858	57.5	862	48,907	56.7
Totals	3,346	182,062	54.4	2,003	96,414	48.1	1,539	81,650	53.1
Middlesex	12,935	811,025	62.7	10,815	509,387	47.1	10,977	727,444	66.3
Oxford	10,775	633,570	58.8	8,557	365,384	42.7	8,760	537,837	61.4
Brant	4,938	357,017	72.3	5,310	318,600	60.0	4,784	329,434	68.9
Perth	1,671	91,905	55.0	952	33,320	35.0	844	51,988	61.6
Wellington	1,551	93,060	60.0	829	41,450	50.0	695	40,941	58.9
Waterloo	1,494	94,570	63.3	1,074	64,440	60.0	1,284	83,015	64.7
Dufferin	226	11,300	50.0	120	6,000	50.0	92	4,768	51.8
Totals	33,590	2,092,447	62.3	27,657	1,338,581	48.4	27,436	1,775,427	64.7
Lincoln	5,970	257,307	43.1	6,562	297,259	45.3	6,247	387,316	62.0
Wentworth	5,214	333,696	64.0	4,380	268,932	61.4	4,504	323,004	71.7
Halton	1,803	129,275	71.7	1,660	99,600	60.0	1,241	76,632	61.8
Peel	1,121	67,260	60.0	1,038	84,078	81.0	601	37,062	61.7
York	2,727	163,620	60.0	1,797	105,664	58.8	1,559	100,245	64.3
Ontario	3,198	170,453	53.3	3,263	154,993	47.5	2,653	153,139	57.7
Durham	2,191	113,275	51.7	2,158	135,954	63.0	1,901	98,749	51.9
Northumberland	5,128	265,118	51.7	4,869	258,057	53.0	4,074	215,480	52.9
Prince Edward	7,340	448,474	61.1	6,115	328,987	53.8	5,999	298,064	49.7
Totals	34,692	1,948,478	56.2	31,842	1,733,524	54.4	28,779	1,689,691	58.7
Lennox and Addington ..	2,706	150,183	55.5	2,660	187,530	70.5	2,329	125,161	53.7
Frontenac	2,459	135,245	55.0	2,045	104,500	51.1	1,805	93,941	52.0
Leeds and Grenville	9,442	626,949	66.4	7,028	499,691	71.1	5,895	375,457	63.7
Dundas	2,233	131,524	58.9	2,261	104,006	46.0	1,729	108,732	62.9
Stormont	1,689	126,675	75.0	1,152	69,811	60.6	1,289	75,425	58.5
Glengarry	2,047	151,069	73.8	806	52,390	65.0	885	47,989	54.2
Prescott	1,268	95,854	75.2	1,279	78,147	61.1	1,312	72,981	55.6
Russell	752	43,842	58.3	433	19,485	45.0	453	21,360	47.2
Carleton	3,350	169,175	50.5	1,914	102,590	53.6	1,598	78,672	49.2
Renfrew	790	35,550	45.0	454	22,337	49.2	490	24,706	50.4
Lanark	2,028	126,750	62.5	1,647	86,468	52.5	1,410	70,163	49.8
Totals	28,764	1,792,316	62.3	21,679	1,326,955	61.2	19,195	1,094,587	57.0
Victoria	726	43,560	60.0	930	62,775	67.5	584	37,775	64.7
Peterborough	758	39,795	52.5	423	19,035	45.0	408	19,737	48.4
Haliburton	147	5,880	40.0	68	4,760	70.0	112	5,454	48.7
Hastings	7,918	402,234	50.8	6,983	347,055	49.7	5,875	293,896	50.0
Totals	9,549	491,469	51.5	8,404	433,625	51.6	6,979	356,862	51.1
Muskoka	234	8,564	36.6	200	10,000	50.0	208	7,949	38.2
Parry Sound	56	2,240	40.0	32	1,216	38.0	36	1,557	43.3
Nipissing	35	1,341	38.3	.....	.....	.....	4	168	38.3
Algonia	66	2,640	40.0	138	5,520	40.0	77	3,450	44.8
Totals	391	14,785	37.8	370	16,736	45.2	325	13,124	40.4
The Province	223,836	14,011,181	62.6	187,116	9,248,199	49.4	187,932	12,125,521	64.5

AREA AND PRODUCE-BUCKWHEAT.

TABLE XV. Showing by County Municipalities and groups of Counties the area and produce of Buckwheat in Ontario in the years 1889 and 1890, with the yearly average for the eight years 1882-90 (1883 not included); also the yield per acre.

Counties.	1890.			1889.			Yearly average for the eight years 1882-90.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Essex.....	934	17,092	18.3	659	9,556	14.5	639	14,773	23.1
Kent.....	1,361	29,534	21.7	724	11,222	15.5	886	19,132	21.6
Elgin.....	2,051	43,891	21.4	1,105	26,520	24.0	1,329	27,820	20.9
Norfolk.....	5,402	113,442	21.0	3,791	71,650	18.9	4,699	93,095	19.8
Haldimand.....	427	9,736	22.8	872	17,091	19.6	717	13,607	19.0
Welland.....	1,854	39,676	21.4	1,622	28,061	17.3	1,736	33,624	19.4
Totals.....	12,029	253,371	21.1	8,773	164,100	18.7	10,006	202,051	20.2
Lambton.....	1,103	17,097	15.5	350	5,880	16.8	483	9,612	19.9
Huron.....	456	9,120	20.0	136	2,448	18.0	265	4,994	18.8
Bruce.....	860	12,040	14.0	234	4,680	20.0	382	6,450	16.9
Totals.....	2,419	38,257	15.8	720	13,008	18.1	1,130	21,056	18.6
Grey.....	603	11,276	18.7	247	3,458	14.0	353	6,293	17.8
Simcoe.....	919	16,818	18.3	217	4,123	19.0	393	6,669	17.0
Totals.....	1,522	28,094	18.5	464	7,581	16.3	746	12,962	17.4
Middlesex.....	376	7,595	20.2	485	8,730	18.0	530	9,560	18.0
Oxford.....	933	15,861	17.0	461	8,436	18.3	638	12,110	19.0
Brant.....	790	15,326	19.4	495	9,257	18.7	670	13,411	20.0
Perth.....	86	2,150	25.0	63	1,285	20.4	108	2,252	20.9
Wellington.....	582	14,550	25.0	121	3,025	25.0	184	4,361	23.7
Waterloo.....	144	2,880	20.0	46	552	12.0	94	1,893	20.1
Dufferin.....	79	1,580	20.0	72	1,188	16.5	98	1,903	19.4
Totals.....	2,990	59,942	20.0	1,743	32,473	18.6	2,322	45,490	19.6
Lincoln.....	846	19,458	23.0	527	9,697	18.4	671	15,940	23.8
Wentworth.....	1,331	26,487	19.9	582	8,963	15.4	757	16,374	21.6
Halton.....	65	1,300	20.0	220	3,476	15.8	163	2,606	16.0
Peel.....	148	3,700	25.0	381	6,706	17.6	248	4,497	18.1
York.....	182	2,548	14.0	196	3,920	20.0	253	5,305	21.0
Ontario.....	1,238	26,369	21.3	474	14,220	30.0	505	11,827	23.4
Durham.....	3,995	86,692	21.7	1,874	40,104	21.4	1,554	33,618	21.6
Northumberland.....	11,038	231,798	21.0	6,679	140,927	21.1	6,083	127,941	21.0
Prince Edward.....	8,437	207,550	24.6	6,681	116,918	17.5	6,810	155,750	22.9
Totals.....	27,280	605,902	22.2	17,614	344,931	19.6	17,044	373,858	21.9
Lennox and Addington..	5,672	145,770	25.7	2,035	67,969	33.4	2,950	74,303	25.2
Frontenac.....	2,099	55,414	26.4	1,251	34,903	27.9	1,568	38,193	24.4
Leeds and Grenville.....	7,078	174,827	24.7	5,156	124,260	24.1	5,471	126,266	23.1
Dundas.....	2,420	74,294	30.7	1,506	38,704	25.7	1,585	43,927	27.7
Stormont.....	2,346	66,392	28.3	1,434	37,141	25.9	2,013	53,718	26.7
Glengarry.....	1,580	35,392	22.4	1,196	26,910	22.5	1,070	25,576	23.9
Prescott.....	1,762	33,830	19.2	1,022	27,696	27.1	1,532	32,965	21.5
Russell.....	1,373	35,149	25.6	616	18,911	30.7	966	23,365	24.2
Carleton.....	2,850	63,840	22.4	3,443	109,487	31.8	3,683	81,188	22.0
Renfrew.....	1,391	32,132	23.1	720	15,120	21.0	1,102	25,032	22.7
Unanark.....	4,917	108,666	22.1	3,770	95,758	25.4	5,390	125,079	23.2
Totals.....	33,488	825,706	24.7	22,149	596,859	26.9	27,330	649,612	23.8
Victoria.....	1,897	43,062	22.7	478	14,149	29.6	602	11,868	19.7
Peterborough.....	1,947	50,817	26.1	461	12,032	26.1	827	18,526	22.4
Haliburton.....	340	8,772	25.8	173	3,633	21.0	242	4,104	17.0
Hastings.....	5,218	116,361	22.3	3,457	75,017	21.7	3,828	89,210	23.3
Totals.....	9,402	219,012	23.3	4,569	104,831	22.9	5,499	123,708	22.5
Muskoka.....	548	12,549	22.9	269	6,725	25.0	318	8,266	26.0
Parry Sound.....	198	5,702	28.8	13	390	30.0	101	2,520	25.0
Nipissing.....	85	2,185	25.7	.....	.....	.....	11	273	25.7
Algoma.....	150	3,000	20.0	84	1,680	20.0	70	1,562	22.3
Totals.....	981	23,436	23.9	366	8,795	24.0	500	12,621	25.2
The Province.....	90,111	2,053,720	22.8	56,398	1,272,578	22.6	64,577	1,441,358	22.3

AREA AND PRODUCE—BEANS.

TABLE XVI. Showing by County Municipalities and groups of Counties the area and produce of Beans in Ontario in the years 1889 and 1890, with the yearly average for the eight years 1882-90 (1883 not included); also the yield per acre.

Counties.	1890.			1889.			Yearly average for the eight years 1882-90.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Essex	887	18,893	21.3	412	7,004	17.0	499	11,677	23.4
Kent	24,981	492,126	19.7	12,842	191,346	14.9	13,377	257,785	19.3
Elgin	2,599	49,901	19.2	890	18,868	21.2	1,223	26,044	21.3
Norfolk	378	6,124	16.2	234	5,850	25.0	540	10,242	19.0
Haldimand	323	4,942	15.3	208	2,870	13.8	173	3,223	18.6
Welland	1,155	13,860	12.0	483	6,424	13.3	710	10,738	15.1
Totals	30,323	585,846	19.3	15,069	232,362	15.4	16,522	319,709	19.4
Lambton	468	5,803	12.4	263	4,077	15.5	356	6,689	18.8
Huron	111	2,775	25.0	133	2,660	20.0	115	3,047	26.5
Bruce	150	2,700	18.0	77	1,925	25.0	106	2,047	19.3
Totals	729	11,278	15.5	473	8,662	18.3	577	11,783	20.4
Grey	351	7,020	20.0	79	1,580	20.0	135	2,391	17.7
Simcoe	78	1,404	18.0	136	2,720	20.0	105	2,035	19.4
Totals	429	8,424	19.6	215	4,300	20.0	240	4,426	18.4
Middlesex	322	6,118	19.0	271	4,770	17.6	312	5,972	19.1
Oxford	188	3,102	16.5	224	4,480	20.0	217	5,715	26.3
Brant	269	5,003	18.6	42	685	16.3	394	7,155	18.2
Perth	10	250	25.0	59	1,440	24.4	54	1,330	24.6
Wellington	39	780	20.0	49	980	20.0	38	733	19.3
Waterloo	61	1,220	20.0	29	522	18.0	37	767	20.7
Dufferin	28	560	20.0	21	420	20.0	19	411	21.6
Totals	917	17,033	18.6	695	13,297	19.1	1,071	22,083	20.6
Lincoln	262	5,240	20.0	160	3,040	19.0	166	3,469	20.9
Wentworth	541	8,927	16.5	94	1,115	22.5	173	3,392	19.6
Halton	17	298	17.5	42	840	20.0	39	754	19.3
Peel	24	420	17.5	49	1,225	25.0	54	1,329	24.6
York	79	1,975	25.0	136	2,584	19.0	129	3,378	26.2
Ontario	244	4,221	17.3	90	1,575	17.5	238	5,289	22.2
Durham	392	7,174	18.3	287	3,918	13.7	316	6,147	19.5
Northumberland	594	9,623	16.2	487	8,425	17.3	513	10,814	21.1
Prince Edward	377	6,861	18.2	396	8,910	22.5	456	9,499	20.8
Totals	2,530	44,739	17.7	1,741	32,632	18.7	2,084	44,071	21.1
Lennox and Addington	239	5,091	21.3	79	2,275	28.8	164	3,255	19.8
Frontenac	136	2,530	18.6	237	4,930	20.8	238	7,441	25.8
Leeds and Grenville	565	11,583	20.5	325	5,590	17.2	385	8,337	21.7
Dundas	228	5,700	25.0	406	11,043	27.2	254	6,185	24.4
Stormont	194	4,171	21.5	268	6,030	22.5	180	4,456	24.8
Glengarry	232	4,640	20.0	66	1,485	22.5	103	2,612	25.4
Prescott	365	6,388	17.5	496	10,218	20.6	481	12,849	26.7
Russell	197	3,546	18.0	97	1,843	19.0	199	4,379	22.0
Carleton	600	13,800	23.0	395	8,888	22.5	463	10,328	22.3
Renfrew	626	12,395	19.8	425	12,368	29.1	470	11,058	23.5
Lanark	278	5,365	19.3	205	5,986	29.2	220	5,281	24.0
Totals	3,660	75,209	20.5	2,999	70,656	23.6	3,207	76,181	23.8
Victoria	122	2,843	23.3	61	1,220	20.0	85	1,695	19.9
Peterborough	282	5,640	20.0	46	690	15.0	142	2,338	16.5
Haliburton	26	520	20.0	22	550	25.0	25	493	19.7
Hastings	327	7,488	22.9	404	5,454	13.5	304	6,222	20.5
Totals	757	16,491	21.8	533	7,914	14.8	556	10,748	19.3
Muskoka	37	833	22.5	59	1,180	20.0	42	875	20.8
Parry Sound	41	820	20.0	10	170	17.0	16	339	21.2
Nipissing	11	228	20.7	.....	.....	.....	1	29	20.7
Algoma	22	440	20.0	36	720	20.0	15	297	19.8
Totals	111	2,321	20.9	105	2,070	19.7	74	1,540	20.8
The Province	39,456	761,341	19.3	21,830	371,893	17.0	24,331	490,541	20.2

AREA AND PRODUCE—HAY AND CLOVER.

TABLE XVII. Showing by County Municipalities and groups of Counties the area and produce of Hay and Clover in Ontario in the years 1889 and 1890, with the yearly average for the nine years 1882-90; also the yield per acre.

Counties.	1890.			1889.			Yearly average for the nine years 1882-90.		
	Acres.	Tons.	Tons per acre.	Acres.	Tons.	Tons per acre.	Acres.	Tons.	Tons per acre.
Essex	39,980	69,565	1.74	40,911	76,913	1.88	36,366	58,200	1.60
Kent	53,422	105,776	1.98	56,631	102,502	1.81	51,379	80,625	1.57
Elgin	54,527	104,147	1.91	53,624	106,176	1.98	49,790	77,099	1.55
Norfolk	42,532	72,730	1.71	40,804	67,735	1.66	40,417	55,873	1.38
Haldimand	48,325	81,669	1.69	50,579	70,811	1.40	49,229	65,762	1.34
Welland	47,790	91,757	1.92	54,047	84,313	1.56	46,851	65,464	1.40
Totals	286,576	525,644	1.83	296,596	508,450	1.71	274,032	403,023	1.47
Lambton	59,278	105,515	1.78	58,919	97,806	1.66	53,591	79,976	1.49
Huron	110,221	209,420	1.90	103,376	165,402	1.60	95,212	138,793	1.46
Bruce	101,149	169,930	1.68	94,852	136,587	1.44	84,391	111,492	1.32
Totals	270,648	484,865	1.79	257,147	399,795	1.55	233,194	330,261	1.42
Grey	126,129	239,645	1.90	126,244	181,791	1.44	115,454	147,833	1.28
Simcoe	83,666	135,957	1.63	85,031	127,547	1.50	76,043	103,638	1.36
Totals	209,795	375,602	1.79	211,275	309,338	1.46	191,497	251,471	1.31
Middlesex	93,878	189,634	2.02	94,609	164,620	1.74	89,168	139,721	1.57
Oxford	66,180	144,272	2.18	62,222	106,400	1.71	62,086	97,995	1.58
Brant	32,782	75,071	2.29	29,601	52,394	1.77	31,685	47,918	1.51
Perth	72,403	159,287	2.20	69,277	110,843	1.60	67,084	106,107	1.58
Wellington	90,500	181,000	2.00	86,251	131,102	1.52	82,738	128,609	1.55
Waterloo	43,690	85,632	1.96	40,874	62,537	1.53	42,327	67,297	1.59
Dufferin	34,205	62,595	1.83	36,528	54,061	1.48	33,183	45,334	1.37
Totals	433,638	897,491	2.07	419,362	681,957	1.63	408,271	632,981	1.55
Lincoln	38,797	77,594	2.00	42,595	65,170	1.53	40,788	56,289	1.38
Wentworth	41,830	94,954	2.27	44,837	74,878	1.67	44,484	67,198	1.51
Halton	30,525	53,419	1.75	32,725	50,397	1.54	33,256	46,537	1.40
Peel	35,884	66,385	1.85	38,048	58,213	1.53	37,353	55,043	1.47
York	71,668	126,835	1.77	70,636	111,605	1.58	71,355	101,501	1.42
Ontario	59,897	106,617	1.78	52,742	85,969	1.63	52,762	76,958	1.46
Durham	46,882	89,545	1.91	40,664	68,316	1.68	43,353	62,971	1.45
Northumberland	58,566	92,534	1.58	53,635	82,062	1.53	53,212	69,638	1.31
Prince Edward	33,602	53,091	1.58	28,755	52,622	1.83	29,634	40,602	1.37
Totals	417,641	760,974	1.82	404,637	649,232	1.60	406,197	576,737	1.42
Lennox and Addington	63,769	95,654	1.50	54,238	78,103	1.44	48,407	59,910	1.24
Frontenac	65,478	110,003	1.68	65,369	101,976	1.56	61,819	76,304	1.23
Leeds and Grenville	119,216	180,016	1.51	115,716	192,088	1.66	110,492	148,308	1.34
Dundas	40,071	60,107	1.50	38,294	65,866	1.72	35,018	54,682	1.56
Stormont	37,332	51,518	1.33	36,585	68,048	1.86	32,372	50,150	1.55
Glengarry	40,757	54,343	1.33	44,309	85,073	1.92	36,262	58,905	1.62
Prescott	43,525	63,982	1.47	35,575	54,786	1.54	32,453	46,824	1.44
Russell	20,835	28,127	1.35	16,879	23,631	1.40	17,883	23,869	1.33
Carleton	65,046	83,909	1.29	58,654	76,837	1.31	58,492	78,324	1.34
Renfrew	63,443	84,591	1.33	67,431	78,894	1.17	61,868	68,172	1.10
Lanark	58,962	83,726	1.42	62,619	93,302	1.49	59,134	81,721	1.38
Totals	618,434	895,976	1.45	595,669	918,604	1.54	554,200	747,169	1.35
Victoria	42,687	61,042	1.43	37,812	50,290	1.33	37,746	45,446	1.20
Peterborough	40,151	65,446	1.63	36,941	49,870	1.35	37,830	44,593	1.18
Haliburton	10,196	11,895	1.17	10,645	10,432	.98	9,929	10,514	1.06
Hastings	75,547	129,185	1.71	71,733	96,122	1.34	67,583	87,733	1.30
Totals	168,581	267,568	1.59	157,131	206,714	1.32	153,088	188,288	1.23
Muskoka	22,417	41,471	1.85	22,018	24,220	1.10	20,630	25,796	1.25
Parry Sound	14,580	21,870	1.50	10,587	13,128	1.24	9,695	11,183	1.15
Nipissing	4,703	8,223	1.75	.....	.....	.....	523	914	1.75
Algoma	14,989	26,231	1.75	11,801	16,875	1.43	10,337	13,791	1.33
Totals	56,689	97,795	1.73	44,406	54,223	1.22	41,185	51,684	1.25
The Province	2,462,002	4,305,915	1.75	2,386,223	3,728,313	1.56	2,261,664	3,181,614	1.40

AREA AND PRODUCE—POTATOES.

TABLE XVIII. Showing by County Municipalities and groups of Counties the area and produce of Potatoes in Ontario in the years 1889 and 1890, with the yearly average for the nine years 1882-90; also the yield per acre.

Counties.	1890.			1889.			Yearly average for the nine years 1882-90.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Essex	2,600	206,440	79.4	2,470	130,910	53.0	2,769	284,049	102.6
Kent	3,013	290,755	96.5	2,588	207,040	80.0	3,302	412,520	124.9
Elgin	2,646	222,793	84.2	2,225	151,963	68.3	2,812	281,306	100.0
Norfolk	2,807	200,701	71.5	2,749	145,422	52.9	3,369	340,115	101.0
Haldimand	1,320	92,928	70.4	1,309	76,184	58.2	1,480	160,727	108.6
Welland	2,254	143,129	63.5	1,954	125,447	64.2	2,366	221,435	93.6
Totals	14,640	1,156,746	79.0	13,295	836,971	63.0	16,098	1,700,152	105.6
Lambton	3,130	254,156	81.2	2,425	136,285	56.2	2,975	300,792	101.1
Huron	4,943	538,274	118.0	4,631	470,973	101.7	5,062	606,804	119.9
Bruce	4,633	529,089	114.2	4,366	441,403	101.1	4,745	544,206	114.7
Totals	12,706	1,321,519	104.0	11,422	1,048,661	91.8	12,782	1,451,802	113.6
Grey	6,815	1,089,037	159.8	6,304	650,573	103.2	6,881	877,791	127.6
Simcoe	7,396	982,928	132.9	6,670	747,040	112.0	6,806	869,693	127.8
Totals	14,211	2,071,965	145.8	12,974	1,397,613	107.7	13,687	1,747,484	127.7
Middlesex	6,078	577,410	95.0	4,400	259,600	59.0	5,607	586,892	104.7
Oxford	3,149	284,355	90.3	2,830	208,854	73.8	3,274	354,850	108.4
Brant	2,173	236,857	109.0	2,150	161,250	75.0	2,215	244,482	110.4
Perth	3,403	439,668	129.2	3,146	184,356	58.6	3,720	421,561	113.3
Wellington	6,203	825,619	133.1	5,403	613,781	113.6	5,904	722,078	122.3
Waterloo	2,896	351,285	121.3	2,641	218,411	82.7	2,898	349,900	120.7
Dufferin	3,919	540,038	137.8	2,658	311,783	117.3	3,128	439,378	140.5
Totals	27,821	3,255,232	117.0	23,228	1,958,035	84.3	26,746	3,119,141	116.6
Lincoln	1,747	140,109	80.2	1,605	100,313	62.5	1,905	184,860	97.0
Wentworth	4,219	391,945	92.9	3,007	236,050	78.5	3,571	416,744	116.7
Halton	1,532	146,766	95.8	1,384	123,591	89.3	1,599	179,247	112.1
Peel	3,218	276,104	85.8	2,974	235,541	79.2	2,915	305,811	104.9
York	8,244	867,269	105.2	7,387	785,238	106.3	7,624	799,036	104.8
Ontario	4,492	457,286	101.8	4,453	504,970	113.4	4,144	516,278	124.6
Durham	3,195	313,430	98.1	2,982	381,994	128.1	3,147	395,158	125.6
Northumberland	4,699	476,949	101.5	4,417	410,339	92.9	4,337	466,271	107.5
Prince Edward	2,324	181,737	78.2	2,336	150,906	64.6	2,414	223,078	92.4
Totals	33,670	3,251,595	96.6	30,545	2,928,942	95.9	31,656	3,486,483	110.1
Lennox and Addington	3,081	265,890	86.3	2,796	316,787	113.3	3,236	364,376	112.6
Frontenac	4,299	361,116	84.0	4,023	259,081	64.4	4,047	397,465	98.2
Leeds and Grenville	7,391	753,143	101.9	7,323	496,499	67.8	7,293	849,643	116.5
Dundas	2,216	365,640	165.0	2,341	166,913	71.3	2,417	341,925	141.5
Stormont	1,985	218,350	110.0	1,838	87,305	47.5	2,043	245,313	120.1
Glengarry	2,275	251,843	110.7	2,277	100,188	44.0	2,438	277,050	113.6
Prescott	2,195	358,005	163.1	2,309	221,664	96.0	2,377	311,556	131.1
Russell	1,434	176,382	123.0	1,401	128,472	91.7	1,495	153,818	102.9
Carleton	6,309	808,814	128.2	6,475	903,910	139.6	6,073	801,847	132.0
Renfrew	3,814	497,346	130.4	3,790	720,100	190.0	3,771	570,710	151.3
Lanark	3,336	421,337	126.3	3,365	469,418	139.5	3,547	498,007	140.4
Totals	38,335	4,477,866	116.8	37,938	3,870,337	102.0	38,737	4,811,710	124.2
Victoria	3,490	484,761	138.9	3,767	541,695	143.8	3,157	412,493	130.7
Peterborough	3,190	351,857	110.3	2,915	434,044	148.9	2,688	321,824	119.7
Haliburton	720	87,840	122.0	654	87,505	133.8	684	91,447	133.7
Hastings	5,311	517,823	97.5	5,889	717,869	121.9	5,781	685,359	118.6
Totals	12,711	1,442,281	113.5	13,225	1,781,113	134.7	12,310	1,511,123	122.8
Muskoka	1,395	176,886	126.8	1,545	253,844	164.3	1,354	184,311	136.1
Parry Sound	1,107	159,962	144.5	863	136,268	157.9	763	115,305	151.1
Nipissing	431	60,340	140.0	.....	.....	.....	48	6,704	140.0
Algoma	1,067	186,725	175.0	777	143,745	185.0	738	127,001	172.1
Totals	4,000	583,913	146.0	3,185	533,857	167.6	2,903	433,321	149.3
The Province	158,094	17,561,117	111.1	145,812	14,355,529	98.5	154,919	18,261,216	117.9

AREA AND PRODUCE—MANGEL-WURZELS.

TABLE XIX. Showing by County Municipalities and groups of Counties the area and produce of Mangel-wurzels in Ontario in the years 1889 and 1890, with the yearly average for the nine years 1882-90; also the yield per acre.

Counties.	1890.			1889.			Yearly average for the nine years 1882-90.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Essex	219	128,334	586	186	29,388	158	196	79,456	405
Kent	471	220,428	468	324	96,228	297	300	121,319	404
Elgin	345	133,170	386	322	104,650	325	287	111,790	390
Norfolk	248	90,024	363	311	101,075	325	215	81,901	381
Haldimand	208	86,320	415	300	79,200	264	174	58,415	336
Welland	116	43,036	371	223	80,949	363	151	61,249	406
Totals	1,607	701,312	436	1,666	491,490	295	1,323	514,130	389
Lambton	445	194,465	437	512	125,440	245	394	152,889	388
Huron	2,155	1,038,710	482	1,742	698,542	401	1,552	697,853	450
Bruce	770	329,560	428	384	121,344	316	448	186,242	416
Totals	3,370	1,562,735	464	2,638	945,326	358	2,394	1,036,984	433
Grey	646	260,338	403	308	116,732	379	378	166,527	441
Simcoe	583	237,281	407	462	204,666	443	629	252,760	402
Totals	1,229	497,619	405	770	321,398	417	1,007	419,287	416
Middlesex	1,758	812,196	462	1,622	496,332	306	1,374	577,949	421
Oxford	1,652	751,660	455	1,608	541,896	337	1,259	576,917	458
Brant	404	204,828	507	361	108,300	300	355	174,837	492
Perth	2,862	1,419,552	496	1,929	590,274	306	1,678	792,920	473
Wellington	1,433	654,881	457	1,103	349,651	317	950	414,444	436
Waterloo	697	286,467	411	511	80,738	158	489	205,509	420
Dufferin	140	73,500	525	89	32,930	370	124	49,956	403
Totals	8,946	4,203,084	470	7,223	2,200,121	305	6,229	2,792,532	448
Lincoln	203	89,726	442	317	112,218	354	244	92,953	381
Wentworth	585	283,725	485	448	120,512	269	448	217,775	486
Halton	577	259,650	450	447	165,390	370	436	199,670	458
Peel	446	182,414	409	626	183,418	293	455	176,737	388
York	1,925	866,250	450	1,914	692,868	362	1,755	795,510	453
Ontario	988	529,568	536	758	326,698	431	784	353,582	451
Durham	711	284,400	400	467	219,490	470	477	203,208	426
Northumberland	491	225,860	460	486	195,372	402	458	195,364	427
Prince Edward	101	35,350	350	131	20,960	160	124	35,512	286
Totals	6,027	2,756,943	457	5,594	2,036,926	364	5,181	2,270,311	438
Lennox and Addington ..	108	40,500	375	128	43,520	340	132	44,316	336
Frontenac	87	27,057	311	327	96,138	294	179	62,616	350
Leeds and Grenville	237	87,216	368	315	128,205	407	223	92,666	416
Dundas	81	26,730	330	80	15,520	194	103	39,736	386
Stormont	60	18,000	300	14	4,438	317	32	11,844	370
Glengarry	89	30,082	338	60	22,500	375	67	20,998	313
Prescott	202	84,234	417	117	37,089	317	86	31,900	371
Russell	243	106,920	440	49	22,050	450	73	26,058	357
Carleton	1,073	391,645	365	449	161,191	359	576	210,713	366
Renfrew	109	34,553	317	85	42,925	505	104	36,277	349
Lanark	158	75,524	478	111	45,843	413	140	55,913	399
Totals	2,447	922,461	377	1,735	619,419	357	1,715	633,037	369
Victoria	757	355,790	470	731	313,599	429	543	253,988	468
Peterborough	443	178,086	402	303	116,655	385	305	111,068	364
Haliburton	12	3,900	325	4	1,044	261	7	2,312	330
Hastings	1,064	395,808	372	475	159,125	335	382	123,148	322
Totals	2,276	933,584	410	1,513	590,423	390	1,237	490,516	397
Muskoka	40	13,480	337	38	11,400	300	50	12,986	260
Parry Sound	5	1,500	300	7	1,575	225	10	2,090	209
Nipissing	1	300	300	.....	.....	.....	0	33	300
Algoma	5	1,500	300	27	5,400	200	21	6,039	288
Totals	51	16,780	329	72	18,375	255	81	21,148	261
The Province	25,953	11,594,518	447	21,211	7,223,478	341	19,167	8,177,945	427

AREA AND PRODUCE—CARROTS.

TABLE XX. Showing by County Municipalities and groups of Counties the area and produce of Carrots in Ontario in the years 1889 and 1890, with the yearly average for the nine years 1882-90; also yield per acre.

Counties.	1890.			1889.			Yearly average for the nine years 1882-90		
	Acres.	Bushels.	Bush per acre.	Acres.	Bushels.	Bush per acre.	Acres.	Bushels.	Bush per acre.
Essex.....	104	35,152	338	120	12,600	105	89	22,291	250
Kent.....	232	74,936	323	164	31,652	193	154	43,618	283
Elgin.....	222	79,254	357	174	52,722	303	155	47,515	307
Norfolk.....	276	68,724	249	192	48,000	250	151	41,824	277
Haldimand.....	87	27,753	319	128	31,232	244	88	23,079	262
Welland.....	61	13,237	217	104	27,872	268	80	22,395	280
Totals.....	982	299,056	305	882	204,078	231	717	200,722	280
Lambton.....	265	87,980	332	253	60,467	239	197	58,318	296
Huron.....	422	160,782	381	503	157,439	313	500	193,897	388
Bruce.....	361	122,379	339	291	68,094	234	306	99,196	324
Totals.....	1,048	371,141	354	1,047	286,000	273	1,003	351,411	350
Grey.....	583	211,046	362	456	139,080	305	541	198,535	367
Simcoe.....	562	206,254	367	559	207,948	372	588	212,098	361
Totals.....	1,145	417,300	364	1,015	347,028	342	1,129	410,633	364
Middlesex.....	655	230,560	352	466	123,024	264	489	153,268	313
Oxford.....	354	126,732	358	449	150,864	336	355	140,333	395
Brant.....	196	88,592	452	220	61,380	279	213	89,064	418
Perth.....	494	194,636	394	379	83,759	221	425	163,354	384
Wellington.....	380	139,080	366	280	65,240	233	308	100,459	326
Waterloo.....	375	145,875	389	406	131,950	325	331	135,769	410
Dufferin.....	109	34,117	313	155	48,050	310	151	50,553	335
Totals.....	2,563	959,592	374	2,355	664,267	282	2,272	832,850	367
Lincoln.....	108	35,100	325	155	36,580	236	118	36,910	313
Wentworth.....	239	93,688	392	265	53,000	200	229	83,470	364
Halton.....	105	38,640	368	156	62,400	400	125	49,567	397
Peel.....	238	81,634	343	325	94,900	292	303	105,516	348
York.....	818	330,472	404	689	227,370	330	724	297,692	411
Ontario.....	482	209,670	435	465	177,165	381	512	198,715	388
Durham.....	575	186,300	324	582	243,276	418	512	188,834	369
Northumberland.....	288	103,392	359	394	141,446	359	276	93,855	340
Prince Edward.....	65	18,590	286	126	18,900	150	61	12,816	210
Totals.....	2,918	1,097,486	376	3,157	1,055,037	334	2,860	1,067,375	373
Lennox and Addington.....	59	21,417	363	67	20,770	310	59	16,717	283
Frontenac.....	126	24,066	191	259	58,534	226	167	40,385	242
Leeds and Grenville.....	293	90,830	310	188	60,160	320	172	53,810	313
Dundas.....	86	34,400	400	83	12,782	154	56	17,862	319
Stormont.....	36	9,000	250	81	24,300	300	43	11,531	268
Glengarry.....	36	9,000	250	64	13,312	208	43	10,196	237
Prescott.....	39	11,739	301	50	12,750	255	50	13,667	273
Russell.....	240	73,440	306	177	55,401	313	139	43,117	310
Carleton.....	978	303,180	310	565	174,020	308	581	187,531	323
Renfrew.....	83	32,204	388	90	27,450	305	103	31,453	305
Lanark.....	165	68,505	417	99	36,630	370	133	46,761	352
Totals.....	2,141	678,081	317	1,723	496,109	288	1,546	473,030	306
Victoria.....	281	91,606	326	375	152,250	406	301	110,222	366
Peterborough.....	432	177,984	412	330	112,530	341	337	108,037	320
Haliburton.....	25	8,500	340	23	4,623	201	20	6,002	300
Hastings.....	251	68,021	271	207	61,893	299	164	47,163	288
Totals.....	989	346,111	350	935	331,296	354	822	271,424	330
Muskoka.....	100	25,000	250	84	32,844	391	78	20,337	261
Parry Sound.....	57	9,975	175	25	5,800	232	29	7,114	245
Nipissing.....	10	2,000	200	.....	.....	.....	1	222	200
Algoma.....	24	4,800	200	38	9,500	250	29	7,043	243
Totals.....	191	41,775	219	147	48,144	328	137	34,716	253
The Province.....	11,977	4,210,542	352	11,261	3,431,959	305	10,486	3,642,161	347

AREA AND PRODUCE—TURNIPS.

TABLE XXI. Showing by County Municipalities and groups of Counties the area and produce of Turnips in Ontario in the years 1889 and 1890, with the yearly average for the nine years 1882-90; also the yield per acre.

Counties.	1890.			1889.			Yearly average for the nine years 1882-90.		
	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.	Acres.	Bushels.	Bush. per acre.
Essex	174	65,250	375	192	21,696	113	198	56,281	284
Kent	404	144,632	358	285	86,355	303	345	117,335	340
Elgin	402	140,700	350	396	113,256	286	356	119,967	337
Norfolk	1,306	428,368	328	1,570	436,460	278	991	365,525	369
Haldimand	84	29,400	350	266	69,160	260	119	33,892	285
Welland	209	50,787	243	187	52,173	279	172	56,789	330
Totals	2,579	859,137	333	2,896	779,100	269	2,181	749,789	344
Lambton	302	93,620	310	379	75,800	200	300	94,681	316
Huron	6,620	2,992,240	452	6,685	2,125,830	318	6,659	2,557,050	384
Bruce	5,714	2,445,592	428	5,884	1,776,968	302	5,592	2,173,833	389
Totals	12,636	5,531,452	438	12,948	3,978,598	307	12,551	4,825,564	384
Grey	9,794	4,044,922	413	9,165	2,932,800	320	8,974	3,541,531	395
Simcoe	3,551	1,633,460	460	3,873	1,603,422	414	3,348	1,345,969	402
Totals	13,345	5,678,382	426	13,038	4,536,222	348	12,322	4,887,500	397
Middlesex	1,822	624,946	343	1,860	446,400	240	1,697	603,644	356
Oxford	5,905	2,486,005	421	5,827	1,619,906	278	5,327	2,188,878	411
Brant	3383	1,502,052	444	3,401	870,656	256	2,702	1,187,486	439
Perth	4,687	2,001,349	427	3,792	963,168	254	4,630	1,739,720	376
Wellington	12,994	5,327,540	410	12,872	4,363,608	339	12,908	5,340,982	414
Waterloo	4,780	1,940,680	406	4,858	1,248,506	257	5,049	1,959,214	388
Dufferin	2,745	1,092,510	398	2,455	927,990	378	2,383	885,858	372
Totals	36,316	14,975,082	412	35,065	10,440,234	298	34,696	13,905,782	401
Lincoln	262	94,320	360	270	88,830	329	233	79,325	340
Wentworth	3,073	1,545,719	503	3,125	978,125	313	2,457	1,131,057	460
Halton	1,728	886,464	513	1,876	487,760	260	1,695	738,920	436
Peel	1,381	615,926	446	1,553	509,384	328	1,324	483,972	366
York	4,410	1,869,840	424	4,193	1,320,795	315	3,326	1,282,470	386
Ontario	12,809	6,276,410	490	12,657	5,062,800	400	11,705	4,688,911	401
Durham	5,224	2,173,184	416	5,538	2,159,820	390	5,125	2,149,557	419
Northumberland	3,524	1,585,800	450	3,651	1,577,232	432	3,148	1,216,578	386
Prince Edward	98	37,338	381	174	17,400	100	116	25,722	222
Totals	32,509	15,085,001	464	33,037	12,202,146	369	29,129	11,796,512	405
Lennox and Addington	96	25,632	267	97	21,825	225	150	35,803	239
Frontenac	255	67,320	264	528	120,384	228	378	102,222	270
Leeds and Grenville	393	141,087	359	321	109,461	341	258	91,978	357
Dundas	71	20,093	283	82	20,500	250	65	18,645	287
Stormont	141	53,580	380	64	16,000	250	91	23,726	261
Glengarry	44	23,100	525	23	5,175	225	36	13,065	363
Prescott	62	20,336	328	118	34,574	293	108	39,380	365
Russell	573	236,649	413	356	170,880	480	309	120,976	392
Carleton	2,520	957,600	380	1,675	624,775	273	1,536	534,780	348
Renfrew	726	241,758	333	639	247,932	388	600	191,508	319
Lanark	479	180,583	377	576	230,400	400	471	165,542	351
Totals	5,360	1,967,738	367	4,479	1,601,906	358	4,002	1,337,625	334
Victoria	3,386	1,185,100	350	3,975	1,462,800	368	3,279	1,214,236	370
Peterborough	1,649	659,600	400	1,569	660,549	421	1,207	416,477	345
Haliburton	275	84,425	307	343	109,760	320	313	86,243	276
Hastings	835	265,530	318	1,452	429,792	296	839	231,612	276
Totals	6,145	2,194,655	357	7,339	2,662,901	363	5,638	1,948,568	346
Muskoka	796	299,296	376	1,169	482,797	413	968	298,989	309
Parry Sound	740	209,420	283	574	211,806	369	607	187,526	309
Nipissing	112	33,600	300	.....	.....	.....	12	3,733	300
Algoma	517	206,800	400	558	125,550	225	489	165,007	337
Totals	2,165	749,113	346	2,301	820,153	356	2,076	655,255	316
The Province	111,055	47,040,563	424	111,103	37,021,260	333	102,595	40,106,595	391

RATIOS OF AVERAGE PRODUCTION.

TABLE XXII. Showing by County Municipalities and groups of Counties the per cent. ratios of total yields in 1890 to average of total yields for the nine years 1882-90.

Counties.	Fall wheat.	Spring wheat.	Barley.	Oats.	Rye.	Pease.	Corn.	Buckwheat.	Beans.	Hay and clover.	Potatoes.	Mangel-wurzels.	Carrots.	Turnips.
Essex	70	155	205	91	91	103	124	116	162	120	73	162	158	116
Kent	83	266	115	77	203	94	111	154	191	131	70	182	172	123
Elgin	99	90	148	73	80	107	80	158	192	135	79	119	167	117
Norfolk	106	90	83	71	117	127	74	122	60	130	59	110	164	117
Haldimand	84	185	63	68	60	115	73	72	153	124	58	148	120	87
Welland	96	53	67	63	34	106	72	118	129	140	65	70	59	89
Group	89	171	101	75	109	111	103	125	183	130	68	136	149	115
Lambton	84	117	94	92	207	129	127	178	87	132	84	127	151	99
Huron	78	69	107	103	99	126	130	183	91	151	89	149	83	117
Bruce	79	112	88	112	229	125	208	187	132	152	97	177	123	113
Group	80	94	98	104	189	126	133	182	96	147	91	151	106	115
Grey	65	80	72	108	142	108	306	179	294	162	124	156	106	114
Simcoe	79	92	90	105	112	119	167	252	69	131	113	94	97	121
Group	74	86	82	106	118	112	223	217	190	149	119	119	102	116
Middlesex	97	54	107	91	171	113	111	79	102	136	98	141	150	104
Oxford	104	79	89	86	125	99	118	131	54	147	80	130	90	114
Brant	88	156	104	89	167	133	108	114	70	157	97	117	99	126
Perth	74	96	99	105	42	110	177	95	19	150	104	179	119	115
Wellington	47	125	92	112	72	108	227	334	106	141	114	158	138	100
Waterloo	87	67	119	98	109	127	114	152	159	127	100	139	107	99
Dufferin	47	127	102	105	41	129	237	83	136	138	123	147	67	123
Group	85	102	100	99	112	114	118	132	77	142	104	151	115	108
Lincoln	83	111	93	72	117	135	66	122	151	138	76	97	95	119
Wentworth	74	181	92	76	87	126	103	162	263	141	94	130	112	137
Halton	63	205	78	92	134	120	169	50	40	115	82	130	78	120
Peel	54	157	88	100	39	145	181	82	32	121	90	103	77	127
York	66	97	68	96	74	122	163	48	58	125	109	109	111	146
Ontario	44	68	65	88	48	88	111	223	80	139	89	150	106	134
Durham	125	65	53	79	75	91	115	258	117	142	79	140	99	101
Northumberland	115	83	57	97	102	120	123	181	89	133	102	116	110	130
Prince Edward	192	99	75	100	71	173	150	133	72	131	81	100	145	145
Group	72	88	69	90	80	118	115	162	102	132	93	121	103	128
Lennox and Addington	133	78	53	89	68	114	120	196	156	160	73	91	128	72
Frontenac	36	77	58	90	80	95	144	145	34	144	91	43	60	66
Leeds and Grenville	46	62	57	81	55	81	167	138	139	121	89	94	169	153
Dundas	23	66	56	73	35	88	121	169	92	110	107	67	193	108
Stormont	14	70	113	76	62	70	168	124	94	103	89	152	78	226
Glengarry	9	72	98	73	265	72	315	138	178	92	91	143	88	177
Prescott	61	95	138	97	17	81	131	103	50	137	115	264	86	52
Russell	16	72	139	111	212	106	205	150	81	118	115	410	170	196
Carleton	70	73	100	87	76	84	215	79	134	107	101	186	162	179
Renfrew	50	82	90	90	118	111	144	128	112	124	87	95	102	126
Lanark	47	69	99	96	60	96	181	87	102	102	85	135	147	109
Group	54	75	68	86	78	95	164	127	99	120	93	146	143	147
Victoria	28	96	73	98	149	116	115	363	168	134	118	140	83	98
Peterborough	67	98	50	94	162	124	202	274	241	147	109	160	165	158
Haliburton	177	121	94	111	150	132	108	214	105	113	96	169	142	98
Hastings	127	54	54	91	80	136	137	130	120	147	76	321	144	115
Group	76	88	61	95	101	126	138	177	153	142	95	190	128	113
Muskoka	43	82	99	109	85	143	108	152	95	161	96	104	123	100
Parry Sound	255	59	109	132	55	164	144	226	242	196	139	72	140	112
Nipissing	157	66	101	117	140	125	77	192	148	190	147	25	68	125
Algoma	154	69	112	125	93	144	113	186	151	189	135	79	120	114
Group	154	69	112	125	93	144	113	186	151	189	135	79	120	114
The Province	81	89	79	93	90	115	116	142	155	135	96	142	116	117

RATIOS OF AVERAGE YIELD PER ACRE.

TABLE XXIII. Showing by County Municipalities and groups of Counties the per cent. ratios of average yields per acre in 1890 to average yields per acre for the nine years 1882-90.

Counties.	Fall wheat.	Spring wheat	Barley.	Oats.	Rye.	Pease.	Corn.	Buckwheat.	Beans.	Hay and clover.	Potatoes.	Mangel-wurzels.	Carrots.	Turnips.
Essex	84	89	87	68	84	95	102	79	91	109	77	145	135	132
Kent	102	92	89	72	101	79	104	102	126	77	116	114	105	105
Elgin	110	106	88	69	94	73	86	102	90	123	84	99	116	104
Norfolk	113	96	84	68	93	84	80	106	85	124	71	95	90	89
Haldimand	93	83	70	61	86	86	74	120	82	126	65	124	122	123
Welland	106	85	71	57	87	74	78	110	79	137	68	91	78	74
Group	102	90	83	67	93	81	97	104	99	124	75	112	109	97
Lambton	96	103	81	70	112	82	102	78	66	119	80	113	112	98
Huron	112	121	92	86	87	92	86	106	94	130	98	107	98	118
Bruce	113	109	101	93	109	108	83	83	93	127	100	103	105	110
Group	108	112	91	84	106	97	96	85	76	126	92	107	101	114
Grey	92	96	103	94	79	102	103	105	113	148	125	91	99	105
Simcoe	88	87	92	89	87	101	108	108	93	120	104	101	102	114
Group	90	91	96	92	85	101	102	106	107	137	114	97	100	107
Middlesex	115	114	93	80	100	86	95	112	99	129	91	110	112	96
Oxford	118	102	92	78	103	76	96	89	63	138	83	99	91	102
Brant	118	122	90	79	113	99	105	97	102	152	99	103	108	101
Perth	110	118	95	88	101	88	89	120	102	139	114	105	103	114
Wellington	96	121	97	89	96	94	102	105	104	129	109	105	112	99
Waterloo	104	113	97	80	101	94	98	100	97	123	100	98	95	105
Dufferin	95	106	98	78	82	100	97	103	93	134	98	130	93	107
Group	112	112	95	83	101	90	96	102	90	134	100	105	102	103
Lincoln	97	80	78	63	84	87	70	97	96	145	83	116	104	106
Wentworth	93	96	79	72	89	98	89	92	84	150	80	100	108	109
Halton	83	92	86	78	81	93	116	125	91	125	85	98	93	118
Peel	85	93	85	81	85	101	97	138	71	126	82	105	99	122
York	97	77	76	80	114	97	93	67	95	125	100	99	98	110
Ontario	96	63	74	79	82	83	92	91	78	122	82	119	112	122
Durham	108	66	65	73	93	88	100	100	94	132	78	94	88	99
Northumberland	100	79	79	85	94	119	98	100	77	121	94	108	106	117
Prince Edward	128	94	95	94	100	124	123	107	88	115	85	122	136	172
Group	94	75	79	79	93	98	96	101	84	128	88	104	101	115
Lennox and Addington	108	72	79	79	97	102	103	102	108	121	77	112	128	112
Frontenac	83	71	83	83	87	101	106	108	72	137	86	89	79	98
Leeds and Grenville	83	62	74	73	80	93	104	107	94	113	87	88	99	101
Dundas	84	71	70	72	95	116	94	111	102	96	117	85	125	99
Stormont	66	78	83	82	85	108	128	106	87	89	92	81	93	146
Glengarry	76	71	89	73	90	102	136	94	79	82	97	108	105	145
Prescott	97	86	84	83	79	109	135	89	66	102	124	112	110	90
Russell	90	81	96	92	106	98	124	106	82	102	120	123	99	105
Carleton	128	64	86	83	100	107	103	102	103	96	97	100	96	109
Renfrew	107	75	78	85	88	108	89	102	84	121	86	91	127	104
Lanark	67	62	82	87	82	96	126	95	80	103	90	120	118	107
Group	90	70	82	80	90	104	109	104	86	107	94	102	104	110
Victoria	78	87	88	91	101	108	93	115	117	119	106	100	89	95
Peterborough	82	87	83	89	92	116	108	117	121	138	92	110	129	116
Haliburton	88	85	86	98	97	101	82	152	102	110	91	98	113	111
Hastings	97	77	78	88	105	122	102	96	112	132	82	116	94	115
Group	89	85	84	90	100	115	101	104	113	129	92	103	106	103
Muskoka	87	93	93	92	89	107	96	88	108	148	93	130	96	122
Parry Sound	78	72	96	86	115	95	92	115	94	130	96	144	71	92
Nipissing	99	82	82	77	100	92	89	90	101	132	102	104	82	119
Algoma	99	82	82	77	100	92	89	90	101	132	102	104	82	119
Group	94	82	91	87	96	96	94	95	100	138	98	126	87	109
The Province	102	84	86	81	94	97	97	102	96	125	94	105	101	108

ACREAGE UNDER CROP; ALSO PASTURE AND ORCHARD.

TABLE XXIV. Showing by County Municipalities and groups of Counties in Ontario the total area under crop enumerated in Tables VIII—XXI, for the years 1889 and 1890, with the yearly average for the nine years 1882-90; also the area in Pasture and in Orchard and Garden for the same period.

Counties.	Acres in crop.			Pasture.		Orchard and garden.		
	1890.	1889.	1882-90.	1890.	1889.	1890.	1889.	1882-90.
Essex	165,950	145,522	143,228	30,784	28,500	6,050	6,210	5,997
Kent	228,010	217,670	209,321	47,661	47,721	7,294	7,356	7,407
Elgin	179,476	167,292	167,391	68,604	68,386	7,031	7,228	7,024
Norfolk	165,103	156,817	154,941	39,299	43,153	7,626	8,078	7,766
Haldimand	146,604	147,924	141,934	35,488	35,715	4,446	4,391	4,547
Welland	111,812	114,634	110,687	24,271	26,148	7,070	6,436	6,804
Totals	996,955	949,859	927,502	246,107	249,623	39,517	39,699	39,545
Lambton	200,371	182,334	172,841	74,054	65,999	7,205	6,718	6,310
Huron	354,703	340,239	332,629	154,177	146,741	8,652	8,613	8,455
Bruce	296,860	290,184	275,264	111,753	106,688	5,743	5,774	5,694
Totals	851,934	812,757	780,734	339,984	319,428	21,600	21,105	20,459
Grey	366,695	378,771	358,366	141,680	137,924	6,741	7,124	7,170
Simcoe	329,666	340,702	307,720	72,881	83,163	5,117	4,605	4,734
Totals	696,361	719,473	666,086	214,561	221,087	11,858	11,729	11,904
Middlesex	315,485	308,768	304,514	166,959	162,980	10,336	9,773	10,451
Oxford	227,218	219,772	217,203	85,098	84,826	7,862	7,863	8,387
Brant	124,582	118,876	120,847	26,927	29,940	3,574	3,993	4,474
Perth	241,528	235,045	232,965	80,937	81,231	4,754	4,658	4,836
Wellington	315,676	304,193	295,323	85,926	85,582	4,378	4,682	4,815
Waterloo	175,268	165,350	164,761	32,732	31,908	4,948	4,869	5,184
Dufferin	139,408	129,304	124,555	35,033	35,151	1,486	1,418	1,501
Totals	1,539,165	1,481,308	1,460,168	513,612	511,618	37,338	37,256	39,648
Lincoln	103,252	99,807	101,708	22,747	28,281	8,150	7,714	7,882
Wentworth	146,854	145,329	143,621	35,020	39,022	8,861	8,847	9,049
Halton	110,523	110,170	107,344	33,493	38,506	4,859	4,947	4,834
Peel	176,051	175,772	162,959	33,399	38,687	4,207	4,360	4,220
York	311,787	312,065	300,106	53,467	59,127	6,285	6,591	7,609
Ontario	257,408	260,533	246,851	55,462	57,360	4,908	4,733	5,251
Durham	203,532	202,018	203,435	43,806	48,510	3,047	3,251	3,798
Northumberland	225,911	225,941	217,798	60,200	64,300	6,304	6,162	6,443
Prince Edward	133,996	136,326	130,827	31,469	36,623	5,817	5,637	6,146
Totals	1,669,314	1,667,961	1,614,649	369,063	410,416	52,438	52,242	55,232
Lennox & Add'n.	149,268	143,514	140,635	44,636	51,282	2,358	2,600	2,748
Frontenac	141,160	149,402	140,799	56,476	54,167	1,964	1,993	2,205
Leeds & Gren.	250,662	246,299	237,041	136,204	154,167	2,513	2,961	3,142
Dundas	88,334	91,328	85,937	40,413	39,031	1,252	1,109	1,188
Stormont	75,583	75,243	72,719	35,668	39,587	767	764	982
Glengarry	92,220	94,656	87,585	46,145	41,217	584	565	582
Prescott	100,991	86,019	85,098	29,763	34,576	284	462	287
Russell	58,382	46,372	49,792	19,047	25,658	54	116	147
Carleton	196,315	189,290	183,116	70,232	70,730	299	269	533
Renfrew	173,227	175,633	163,594	63,279	70,435	186	229	539
Lanark	147,795	153,164	144,211	99,734	104,551	837	1,011	1,085
Totals	1,474,437	1,450,920	1,390,527	641,597	685,401	11,098	12,079	13,438
Victoria	178,308	181,107	173,020	42,419	39,674	1,377	1,541	1,751
Peterborough	148,107	147,414	141,307	52,334	56,298	1,734	1,803	1,935
Haliburton	22,544	22,192	20,105	5,611	5,233	111	92	100
Hastings	220,158	231,630	222,188	94,939	89,989	5,108	4,694	5,403
Totals	569,117	582,343	556,620	195,303	191,194	8,330	8,130	9,189
Muskoka	42,056	41,439	37,724	8,776	9,582	422	356	358
Parry Sound	29,074	20,869	20,076	6,314	4,631	15	17	27
Nipissing	8,308	.....	923	1,417	.....	11	.....	1
Algoma	35,576	31,654	27,418	5,358	4,982	169	153	152
Totals	115,014	93,962	86,141	21,865	19,195	617	526	538
The Province....	7,912,297	7,758,583	7,482,427	2,542,092	2,607,962	182,796	182,766	189,953

RATIOS OF AREAS UNDER CROP.

TABLE XXV. Showing by County Municipalities and groups of Counties the number of acres under the various crops in Ontario in 1890, per 1,000 acres of cleared land.

Counties.	Fall wheat.	Spring wheat.	Barley.	Oats.	Rye.	Pease.	Corn.	Buckwheat.	Beans.	Hay and clover.	Potatoes.	Mangel-wurzels.	Carrots.	Turnips.	Totals.
Essex	122.3	13.7	37.2	192.4	4.2	19.7	181.2	4.4	4.2	188.5	12.2	1.0	.5	.8	782.3
Kent	158.5	33.6	28.7	115.1	4.9	41.9	90.6	4.5	82.1	175.5	9.9	1.5	.8	1.3	748.9
Elgin	140.0	5.2	28.8	124.0	4.0	68.1	47.7	7.4	9.3	195.2	9.5	1.2	.8	1.4	642.6
Norfolk	130.6	3.3	26.0	120.2	41.5	101.8	55.6	23.1	1.6	181.7	12.0	1.0	1.2	5.6	705.2
Haldimand	144.4	35.7	62.0	125.0	2.8	89.6	9.4	2.1	1.6	236.4	6.5	1.0	.4	0.4	717.3
Welland	124.2	5.5	22.0	132.4	1.5	37.1	34.4	11.3	7.1	292.3	13.8	.7	.4	1.3	684.0
Group	138.6	16.8	33.7	132.9	10.0	60.2	71.5	8.6	21.7	205.0	10.5	1.2	.7	1.8	713.2
Lambton	97.9	23.2	56.6	180.9	1.5	51.7	30.1	3.6	1.5	193.5	10.2	1.4	.9	1.0	654.0
Huron	79.8	16.6	57.4	167.8	.6	80.8	4.5	.8	.2	195.5	8.8	3.8	.7	11.7	629.0
Bruce	71.5	30.0	36.3	160.8	2.1	95.0	4.0	1.9	.3	220.7	10.1	1.7	.8	12.5	647.7
Group	81.1	22.8	49.9	168.4	1.3	79.0	10.2	1.8	.6	203.7	9.6	2.5	.8	9.5	641.2
Grey	33.5	60.3	28.1	182.2	1.9	86.8	3.6	1.1	.6	225.4	12.2	1.2	1.0	17.5	655.4
Simcoe	99.4	76.2	63.5	156.9	6.3	77.8	2.8	1.9	.2	173.4	15.3	1.2	1.1	7.4	683.4
Group	64.0	67.7	44.5	170.5	3.9	82.6	3.2	1.5	.4	201.4	13.6	1.2	1.1	12.8	668.4
Middlesex	112.6	9.3	33.2	157.4	1.7	55.8	24.2	.7	.6	175.7	11.4	3.3	1.2	3.4	590.5
Oxford	97.8	20.7	47.7	168.0	4.3	59.5	31.1	2.7	.5	190.8	9.1	4.8	1.0	17.0	655.0
Brant	125.0	9.1	128.8	120.9	9.5	72.0	28.9	4.6	1.6	191.6	12.7	2.4	1.1	19.8	728.0
Perth	81.1	27.1	50.6	187.2	.2	80.3	4.6	.2	...	198.0	9.3	7.8	1.4	12.8	660.6
Wellington	27.5	47.3	77.3	206.8	1.4	98.5	3.5	1.3	.1	205.5	14.1	3.2	.9	29.5	716.9
Waterloo	135.7	11.8	86.9	184.7	2.4	83.4	6.2	.6	.2	182.1	12.1	2.9	1.6	19.9	730.5
Dufferin	25.1	127.3	64.2	205.5	1.8	78.8	1.2	.4	.1	175.5	20.1	.7	.6	14.1	715.4
Group	84.9	31.4	62.0	177.5	2.5	74.5	14.7	1.3	.4	189.1	12.1	3.9	1.1	15.8	671.2
Lincoln	118.7	19.7	34.7	132.0	4.0	50.2	39.0	5.5	1.7	253.2	11.4	1.3	.7	1.7	673.8
Wentworth	113.5	24.5	73.9	145.6	4.6	67.1	24.9	6.4	2.6	199.9	20.2	2.8	1.1	14.7	701.8
Halton	96.0	52.0	70.8	132.2	5.2	80.9	10.6	.4	.1	179.9	9.0	3.3	.6	10.2	651.2
Peel	66.8	93.1	152.6	153.8	2.4	84.8	4.6	.6	.1	148.7	13.3	1.9	1.0	5.7	729.4
York	58.8	80.2	124.4	186.5	2.7	87.9	6.6	.4	.2	174.7	20.1	4.7	2.0	10.7	759.9
Ontario	12.2	150.6	100.3	161.4	4.5	82.2	9.4	3.6	.7	175.9	13.2	2.9	1.5	37.6	756.0
Durham	15.6	131.3	138.7	133.9	14.3	81.2	8.0	14.7	1.4	172.0	11.7	2.6	2.1	19.2	746.7
Northumberland	40.1	90.9	100.9	107.4	38.5	62.8	16.0	34.4	1.8	182.3	14.6	1.5	.9	11.0	703.1
Prince Edward	18.3	37.7	173.8	79.4	34.7	103.7	40.2	46.3	2.1	184.2	12.7	.6	.4	.5	734.6
Group	53.5	85.0	111.6	142.2	12.3	78.8	15.1	11.9	1.1	181.5	14.6	2.6	1.3	14.1	725.6
Lennox & Add'n	12.9	31.8	126.2	123.0	16.8	48.1	13.2	27.7	1.2	311.2	15.0	.5	.3	.5	728.4
Frontenac	3.2	42.8	57.0	136.0	15.4	46.8	11.2	9.5	.6	297.9	19.6	.4	.6	1.2	642.2
Leeds & Gren	6.4	31.4	19.9	172.3	9.9	13.2	22.5	16.9	1.3	284.4	17.6	.6	.7	.9	598.0
Dundas	2.1	31.2	39.3	219.5	3.6	9.3	16.4	17.8	1.7	295.0	16.3	.6	.6	.5	653.9
Stormont	1.1	34.6	28.0	189.9	2.8	13.9	14.4	19.9	1.6	317.4	16.9	.5	.3	1.2	642.5
Glengarry .....	.4	54.1	16.7	206.9	1.4	27.0	13.9	10.7	1.6	276.7	15.5	.6	.3	.3	626.1
Prescott .....	.3	65.4	36.1	223.9	.4	46.2	9.2	12.7	2.6	314.3	15.9	1.5	.3	.4	729.2
Russell .....	.3	44.2	27.6	278.4	5.9	50.2	9.3	17.1	2.4	258.8	17.8	3.0	3.0	7.1	725.1
Carleton	2.7	86.8	32.3	219.8	15.7	34.5	11.5	9.8	2.1	224.3	21.8	3.7	3.4	8.7	677.1
Renfrew	1.6	100.8	6.4	164.7	34.7	81.0	3.0	5.3	2.4	241.5	14.5	.4	.3	2.8	659.4
Lanark	7.6	56.2	12.5	143.8	11.8	39.8	7.1	17.2	1.0	268.8	11.7	.6	.6	1.6	518.3
Group	4.3	54.6	34.6	178.8	12.9	37.2	12.5	14.5	1.6	268.7	16.7	1.1	.9	2.3	640.7
Victoria	11.6	145.2	105.1	172.0	7.4	70.0	3.0	7.8	.5	174.7	14.3	3.1	1.1	13.9	729.7
Peterborough	35.9	124.5	34.1	136.8	26.3	69.5	3.3	8.4	1.2	172.8	13.7	1.9	1.9	7.1	637.4
Haliburton	9.0	64.9	10.3	193.2	13.7	70.1	4.9	11.4	.9	340.9	24.1	.4	.8	9.2	753.8
Hastings	35.5	31.4	80.7	130.2	31.6	62.2	23.8	15.7	1.0	227.0	15.9	3.2	.7	2.5	661.4
Group	27.7	91.5	72.4	146.4	22.5	66.8	11.4	11.2	.9	200.8	15.1	2.7	1.2	7.3	677.9
Muskoka .....	.6	21.7	10.2	189.5	6.6	67.4	4.0	9.9	.7	402.4	25.1	.7	1.8	14.3	754.9
Parry Sound	3.7	27.2	18.0	180.3	3.7	59.8	1.3	4.7	1.0	347.3	26.4	.1	1.4	17.6	692.5
Nipissing	1.8	22.9	17.1	147.2	7.2	61.4	3.1	7.5	1.0	415.0	38.0	.1	.9	9.9	733.1
Algoma	14.9	103.4	15.2	148.5	6.6	112.2	1.4	3.2	.5	320.6	22.8	.1	.5	11.1	761.0
Group	5.8	47.8	14.3	171.7	5.8	78.4	2.5	6.3	.7	363.9	25.7	.3	1.2	13.9	738.3
The Province ..	61.8	51.6	60.2	161.5	8.8	67.0	19.2	7.7	3.4	211.2	13.6	2.2	1.0	9.5	678.7

PART II.

LIVE STOCK, THE DAIRY AND THE APIARY.

LIVE STOCK.

"Owing to the plentifulness of fodder and the mildness of the winter," ran the account in the May bulletin, "the present condition of live stock is with few exceptions all that could be desired. In very many cases there is a superabundance of food, which will be carried over. Hay is very cheap, ranging as low in one instance as \$4 per ton. A few instances are reported, however, from the extreme south-west in which there appears to have been some scarcity in the root supply, and where the corn crop was too largely depended upon for fodder. Cattle are generally thrifty and strong, although a few correspondents (especially in the district referred to) report them as thin in flesh. Horses are in an exceptionally good condition for spring work. The mild winter and small amount of labor would seem to have been unusually favorable to them. Sheep and pigs are also thrifty generally, except in cases where they were allowed the run of the fields throughout the winter. Sheep are reported as scarce in parts, but the lambing season has been a favorable one and there is a probable increase in the number of lambs all over. There seems also to be an increase in the number of young pigs, but complaint comes from the east that there has been an unusual mortality among them from some unknown cause. Distemper and influenza have also been strongly marked among horses. Some describe the symptoms as approaching those of la grippe, but there is a marked immunity from all malignant types."

According to the August bulletin most encouraging reports came from the eastern half of the province regarding the condition of pastures, but in the west and in the Niagara peninsula the dry weather appeared to have affected the fields more unfavorably. The abundant supply of hay and straw augurs well for the fall and the winter keep of stock, although of course much would depend upon the root crops. Stock generally were in fair condition, but good cattle were picked up very early in the season and there was not likely to be as many animals as usual left for fattening. While in the western districts complaints were made that the flow of milk was falling off considerably owing to the drouth, the great cheese producing counties along the St. Lawrence and in the county of Hastings appeared to feel but little difference in this respect, and reported much activity in the factories. The low price offered for milk was commented upon by several correspondents in the western part of the province.

The November bulletin contained the following cheerful references to the condition of live stock: "Fall pastures have been in unusually fine condition all over the province, and are for the most part still quite fresh and green owing to the abundance of warm showery weather. Hay is very abundant, and of straw and coarse feed there is about a sufficiency. All kinds of live stock are consequently in a thriving condition, but with the exception of hogs their numbers are somewhat small. Few farmers have yet commenced to stall-feed their cattle, but the supply of fodder for the winter months will be more than sufficient. Sheep are in good condition, but not numerous. Many farmers are fattening lambs for the December market, and there has been a greater demand than usual for breeding sheep. There is quite a notable increase in the number of hogs all over the province, and especially in the southern and south-western counties. Great numbers have already been finished and marketed on foot, and the rest are being rapidly fattened. The demand for all kinds of live stock has so far been brisk; in some localities in the southern part of the province buyers have picked up nearly everything, and fair prices have been paid."

HORSES. The following table gives the number of horses by county groups and for the province in each of the five years 1886-90, those for 1890 being also divided into classes :

Horses.	Lake Erie.	Lake Huron.	Georgian Bay.	West Midland.	Lake Ontario.	St. Lawrence and Ottawa.	East Midland.	Northern Districts.	The Province.
Working horses..	42,394	31,238	26,329	62,351	69,231	61,305	22,191	3,421	318,460
Breeding mares.	19,498	15,615	11,167	26,479	26,995	22,038	7,863	1,498	131,153
Unbroken horses	32,343	25,365	16,201	40,811	44,345	35,616	13,747	1,595	210,023
Totals....	1890	94,235	72,218	53,697	129,641	140,571	118,959	43,801	659,636
	1889	84,975	66,750	52,855	124,325	131,551	111,250	42,135	618,795
	1888	81,481	63,098	50,240	119,001	127,929	109,161	40,763	596,218
	1887	77,539	59,936	47,774	114,529	125,713	105,900	39,938	575,361
	1886	77,949	59,879	46,828	111,454	126,204	105,228	38,066	569,649

The table shows that among the farm stock of the province there are 318,460 working horses, 131,153 breeding mares and 210,023 unbroken horses, making a total of 659,636 or 40,481 more than the number reported last year. There has been an increase in the total number of horses every year given. Each group also surpasses its own figures for any previous year, the number of horses in 1890 being as follows for each district : Lake Erie 94,235, Lake Huron 72,218, Georgian Bay 53,697, West Midland 129,641, Lake Ontario 140,571, St. Lawrence and Ottawa 118,959, East Midland 43,801, Northern Districts 6,514.

HOGS. The appended table shows the total number of hogs by county groups and for the province in each of the years 1886-90, and gives the numbers over and under one year for 1890 :

Hogs.	Lake Erie.	Lake Huron.	Georgian Bay.	West Midland.	Lake Ontario.	St. Lawrence and Ottawa.	East Midland.	Northern Districts.	The Province.
Over 1 year.	46,732	21,037	18,892	37,047	36,330	49,909	19,152	3,095	232,194
Under 1 year	195,903	86,469	76,736	202,263	174,655	106,714	56,047	9,578	908,365
Totals	1890	242,635	107,506	95,628	239,310	210,985	156,623	75,199	1,140,559
	1889	197,015	73,096	74,104	171,444	148,233	115,645	48,411	835,469
	1888	186,184	71,343	72,852	165,407	148,291	118,387	49,413	819,079
	1887	185,843	69,700	71,015	162,601	154,678	126,061	56,799	832,817
	1886	183,358	69,942	76,193	166,002	170,014	137,263	50,327	860,125

The number of hogs in the province has taken a tremendous leap upward compared with the returns for the previous or any preceding year, the increase in the number under one year being particularly large. It is not too much to assume that the bulletin entitled "The Swine Industry in Ontario," issued by this department in November, 1889, has been a considerable factor in contributing to this remarkable increase. The total number of all classes of hogs in the province is 305,090 more than in the previous year, an addition of nearly 37 per cent. Every group exhibits an increase over its figures for any previous year. The swine industry in Ontario is most largely followed in the Lake Erie and West Midland groups.

HORNED CATTLE. In the following table the number of horned cattle is shown by classes for 1890 (milch cows being given also for 1889), and the total number is given for each year since 1886 by county groups and for the province :

Cattle.	Lake Erie.	Lake Huron.	Georgian Bay.	West Midland.	Lake Ontario.	St. Lawrence and Ottawa.	East Midland.	Northern Districts.	The Province.
Working oxen	1,497	911	1,559	810	781	798	1,921	1,890	10,167
Milch cows ... { 1890 ..	86,520	74,690	56,281	155,643	121,643	209,490	62,380	11,191	777,838
{ 1889 ..	87,594	75,577	59,119	158,255	124,002	203,188	62,809	8,627	779,171
Store cattle over 2 yrs ..	42,125	69,048	36,442	87,420	42,495	47,637	18,106	4,367	347,640
Young and other cattle	92,484	107,087	76,493	170,386	107,072	141,553	49,498	14,494	759,067
Totals	{ 1890 222,626	251,736	170,775	414,259	271,991	399,478	131,905	31,942	1,894,712
	{ 1889 224,401	250,936	172,527	417,907	293,214	374,038	132,928	25,948	1,891,899
	{ 1888 226,331	249,858	175,020	418,438	300,757	395,656	136,891	25,687	1,928,638
	{ 1887 232,334	244,961	170,157	429,356	312,483	395,230	138,977	24,766	1,948,264
	{ 1886 239,183	250,631	178,296	447,929	326,751	412,176	137,991	25,216	2,018,173

The total number of cattle in the province is 1,894,712, which, although 2,813 more than in 1889, is considerably less than the figures returned for any other year in the table. But although the total number of cattle has increased compared with the previous year, the number of milch cows in the province has decreased by 1,333. There has been a falling off in the number of this class in every group excepting the St. Lawrence and Ottawa counties (where the immense decline of last year has been more than regained) and the Northern Districts. While the largest number of all classes of cattle is to be found in the beef-raising West Midland group, by far the greatest number of milch cows appear in the dairying counties comprising the St. Lawrence and Ottawa District. The number of working oxen is decreasing with the advancement of settlement and general civilisation, being less by 2,405 than in 1888, or a falling off of 19 per cent. in two years.

SHEEP. The number of sheep is presented in the following table by county groups and for the province in each of the years 1886-90 :

Sheep.	Lake Erie.	Lake Huron.	Georgian Bay.	West Midland.	Lake Ontario.	St. Lawrence and Ottawa.	East Midland.	Northern Districts.	The Province.
Over 1 year.	99,594	107,747	98,551	150,078	111,970	165,200	46,074	16,049	795,263
Under 1 year	73,365	80,114	64,587	105,325	77,110	102,011	30,654	11,266	544,432
Totals { 1890	172,959	187,861	163,138	255,403	189,080	267,211	76,728	27,315	1,339,695
{ 1889	146,038	172,656	167,947	257,840	214,475	275,905	89,084	20,235	1,344,180
{ 1888	147,428	167,270	163,944	254,755	223,363	233,237	91,045	18,002	1,349,044
{ 1887	152,850	169,459	167,592	258,590	216,450	315,130	97,805	18,285	1,396,161
{ 1886	171,238	191,776	189,405	300,149	263,571	369,851	105,664	19,295	1,610,949

The total number of sheep in the province is 1,339,695, which is less by 4,485 than in the previous year, and the least also of any of the years comprising the table. This decrease has been mainly confined to sheep over one year old, in which class there has been a

decline for some years ; but the number of young sheep has increased compared with the returns of 1888 and 1889. A marked addition has been made to the total number of sheep in the Lake Erie and Lake Huron groups and the Northern Districts, although there is a falling off in the other five groups.

THE WOOL CLIP. The following table gives the number of fleeces with their total and average weights, by county groups and for the province for the years 1889 and 1890, together with the averages for the nine years 1882-90 :

Districts.	1890.			1889.			1882-90.		
	Fleeces.	Pounds.	lb. per fleece.	Fleeces.	Pounds.	lb. per fleece.	Fleeces.	Pounds.	lb. per fleece.
	No.	No.	No.	No.	No.	No.	No.	No.	No.
Lake Erie	99,241	553,372	5.58	84,517	485,196	5.74	106,684	593,490	5.56
Lake Huron	108,948	650,357	5.97	104,817	615,403	5.87	121,451	694,403	5.72
Georgian Bay	99,818	567,196	5.68	104,259	588,106	5.64	114,362	630,014	5.51
West Midland	151,915	893,332	5.89	154,937	882,542	5.70	191,769	1,089,563	5.68
Lake Ontario	114,650	681,544	5.94	129,417	755,834	5.84	158,226	928,641	5.87
St. Law. & Ottawa.	168,454	874,573	5.19	178,774	894,353	5.00	224,995	1,094,626	4.87
East Midland	47,888	261,926	5.47	56,261	291,425	5.18	67,548	350,293	5.19
Northern Districts	16,572	92,400	5.58	12,948	76,037	5.87	11,600	64,984	5.60
The Province.	807,486	4,574,700	5.67	825,930	4,588,896	5.56	996,635	5,446,014	5.46

The total number of fleeces is less by 18,444 than in the previous year, but falls off 189,149 compared with the average for the nine years. The weight per fleece is 5.67 lb., being .11 lb. above that of 1889 and 21 lb. higher than the average for the years 1882-90, which brings the total weight of wool within 14,196 lb. of that of the previous year, although it is still very much below the weight of the average of the nine years. The St. Lawrence and Ottawa and West Midland groups lead in the number of fleeces, but the former district has an average weight per fleece of only 5.19 lb. (it is also the lowest for the nine years), while the Lake Huron counties average 5.97 and the Lake Ontario group comes second with 5.94. With their positions reversed these two groups also lead in the average weight per fleece for the nine years.

POULTRY. The number of poultry to all classes in each of the five years 1886-90, is given by county groups and for the province in the appended table :

Poultry.	Lake Erie.	LakeHuron.	Georgian Bay.	West Midland.	Lake Ontario.	St.Lawrence and Ottawa.	East Midland.	Northern Districts.	The Province.	
Turkeys ...	56,949	37,380	33,998	86,580	97,777	125,206	23,626	5,226	466,742	
Geese	49,941	50,626	45,588	83,214	88,222	87,914	27,500	5,517	438,722	
Other fowls.	786,317	690,432	504,854	1,254,594	1,164,132	1,081,643	386,511	80,917	5,949,400	
Totals {	1890	893,207	778,638	584,410	1,424,388	1,350,131	1,294,763	437,637	91,660	6,854,864
	1889	879,552	727,269	557,286	1,342,071	1,130,730	1,170,461	430,424	66,505	6,304,298
	1888	861,584	712,798	548,482	1,303,997	1,112,998	1,139,227	422,163	62,865	6,164,114
	1887	942,641	703,849	549,889	1,292,085	1,260,654	1,182,717	444,762	61,764	6,438,361
	1886	1,007,965	740,057	579,679	1,377,089	1,371,697	1,394,001	433,790	64,637	6,968,915

The total number of all classes of poultry is given at 6,854,864, which is 550,556

more than the number reported in the previous year. An increase appears in every group. The largest number of turkeys is found in the St. Lawrence and Ottawa counties, the greatest number of geese is reported in the Lake Ontario group, and the West Midland counties lead in the number of other fowls and in the total number of all classes of poultry, closely followed in both particulars by the two districts previously named.

THE DAIRY.

The following summary of the condition of the dairying business appeared in the November bulletin: "The past season has been a favorable one to the dairying industry, with plenty of grass and water. In the eastern part of the province especially cheese-making has flourished, and farmers seem well satisfied with the returns. Throughout the rest of the province cheese appears to have taken the lead also, and to have given better results than butter, except in the neighborhood of cities and large towns. Cheese factories are everywhere more numerous than creameries, and it is hard to make a comparison of the two products. There are many creamery advocates, however, and many express a desire to see them established in their neighborhoods. The large percentage of butter is still made by the farmer's wife for home and local consumption. But the quality is very uneven and the quantity irregular, and for these reasons some suggest that it would be better to have butter for the market made by the creameries alone in order that greater uniformity might be secured, as in the case of cheese. Durhams and their grades are still the favorite breed for the dairy cow in the west, but Holsteins and Jerseys are being introduced to a considerable extent where butter is made, and they are well liked. In the east, Holsteins, Ayrshires and Durhams and their grades are the most popular breeds."

CHEESE. The total number of factories reported to the Bureau as in operation in 1890 was 817, being 33 more than in the previous year, and 69 more than the average for the eight years 1883-90. The following table gives the statistics for these factories for each of the years named, based on the returns of factories which have reported during the several years, together with the annual averages for the eight years' period:

Year.	Factories in operation.	Quantity of—		Gross value of cheese.	Average No. of patrons.	Average No. of cows.	Milk required to make 1 lb. cheese.	Value of cheese per 100 lb.	Average date of opening.	Average date of closing.
		Milk used.	Cheese made.							
	No.	lb.	lb.	\$			lb.	\$ c.		
1890...	817	836,387,516	79,364,713	7,189,957	44,838	304,584	10.54	9 06	May 4	Oct. 31
1889...	784	760,146,327	72,592,847	6,787,619	43,215	273,231	10.47	9 35	" 4	" 30
1888...	737	686,369,013	65,299,751	6,031,470	42,065	256,780	10.51	9 24	" 5	" 24
1887...	737	691,934,579	65,638,656	6,918,913	42,512	254,510	10.54	10 54	" 4	" 27
1886...	770	654,703,243	63,721,621	5,893,818	37,665	237,106	10.27	9 25	" 7	" 29
1885...	752	733,437,254	71,209,719	5,781,569	44,208	260,244	10.30	8 12	" 4	" 29
1884...	751	685,964,727	66,939,573	6,998,889	38,646	254,852	10.25	10 46	" 3	" 30
1883...	635	539,696,197	53,513,032	5,589,339	32,636	193,840	10.08	10 45	" 3	" 30
1883-90	748	698,579,857	67,284,989	6,398,947	40,723	254,395	10.38	9 51	" 4	" 29

The quantity of milk used in the manufacture of cheese in 1890 is 76,241,189 lb. above the figures for the previous year, and the quantity of cheese made therefrom is 6,771,866 lb. more than the make of 1889, which led the other years of the table in both respects. An increase of \$402,388 is observed in the total value of cheese manufactured, although the value of cheese per 100 lb. fell from \$9.35 in the previous year to \$9.06. The average quantity of milk required to make a pound of cheese was 10.54 lb., exactly the same as reported in 1887, but more than in any other year comprising

the table, and .16 lb. more than the average for the eight years. There is an increase of 1,623 in the number of patrons, and of 31,353 in the number of cows. The average date of opening was May 4th, the same as that for the eight years, but the average date of closing was two days later than that of 1883-90.

The following table presents statistics of an average factory by county groups and for the province. It will be observed that the figures vary greatly in some of the groups, the western factories being much more largely patronised than those in the east:

Districts.	Quantity of—		Gross value of cheese.	Average No. of patrons.	Milk required to make 1 lb. cheese.	Value of cheese per 100 lb.	Average date of opening.	Average date of closing.
	Milk used.	Cheese made.						
	lb.	lb.	\$		lb.	\$ c.		
Lake Erie ... { 1890....	1,048,787	98,282	8,863	72	10.67	9.02	May 4	Nov. 6
{ 1889....	895,015	83,800	7,642	68	10.68	9.12	" 8	" 2
Lake Huron. { 1890....	1,106,257	102,880	9,353	84	10.75	9.09	" 15	Oct. 29
{ 1889....	1,010,109	95,246	8,800	83	10.61	9.24	" 16	" 21
Georgian Bay { 1890....	737,871	70,384	6,276	60	10.48	8.91	" 21	" 16
{ 1889....	626,989	59,646	5,457	50	10.51	9.15	" 10	" 14
West Midland. { 1890....	1,621,221	151,531	13,909	74	10.70	9.18	" 1	Nov. 8
{ 1889....	1,545,984	144,797	13,605	75	10.68	9.40	" 2	" 8
Lake Ontario { 1890....	819,430	77,779	6,977	51	10.54	8.97	" 4	Oct. 28
{ 1889....	725,992	69,438	6,506	51	10.46	9.37	" 6	" 28
St. Lawrence { 1890....	818,580	78,548	7,034	41	10.42	8.96	" 3	" 28
and Ottawa. { 1889....	793,080	77,261	7,207	40	10.26	9.33	" 2	" 29
East Midland { 1890....	978,570	94,972	8,682	46	10.30	9.14	" 1	Nov. 1
{ 1889....	883,568	86,516	8,269	44	10.21	9.56	" 2	Oct. 31
The Province { 1890....	1,023,730	97,142	8,800	55	10.54	9.06	" 4	" 31
{ 1889....	969,574	92,593	8,658	55	10.47	9.35	" 4	" 30
{ 1883-90.	934,086	89,968	8,556	54	10.38	9.51	" 4	" 29

These averages are computed from the aggregates of factories returned. For the province the average number of patrons per factory is 55, the same number as in the preceding year, but one more than the average for the eight years. There is an increase of 54,156 lb. of milk per factory, and an addition of 4,549 lb. in the quantity of cheese made, compared with the previous year, and the total value of the output per factory is \$142 more than in 1889. This improvement is chiefly owing to the increase in the average number of cows per factory, which is 24 more than in the previous year, 373 being given as the average for the province. In examining the figures by groups it will be seen that the West Midland counties continue to lead in the amount of business done in the average factory, although the average number of patrons, which is 74, is less by 10 than in the Lake Huron group. The least number of patrons for any group is 41, the record given for the St. Lawrence and Ottawa counties, but three out of every seven factories in the province are to be found in this district. In every group excepting the Lake Erie and Georgian Bay an increase is observed in the quantity of milk required to make a pound of cheese. In the East Midland group it takes only 10.30 lb. of milk to make a pound of cheese, while in the Lake Huron district 10.75 lb. of milk are required. Every group shows a reduction in the value per 100 lb. of cheese, there being 42 cents difference in the figures for 1890 in the East Midland district compared with the previous year, and a falling off of 40 cents in the Lake Ontario group. The make of the West Midland counties averaged the best price, viz., \$9.18 per 100 lb., while that of the Georgian Bay group brought only \$8.91. Although the figures given for the province show the average date of opening to be the same for the three periods given, and the date of closing is but one later than in 1889, the figures in the various groups show a considerable diversity compared with each other, and some of the groups show complete change of dates compared with their respective records in the previous year. The date of

opening in the Lake Erie group averaged four days earlier and the date of closing four days later than in the preceding year. In the Lake Huron counties the opening averaged one day earlier and eight days later than in 1889. In the Georgian Bay district the date of opening was very late, being on the 21st of May, ten days later than in 1889, but it closed two days later. Comparatively little change was made in the length of season in the other groups. The factories in the West Midland group were at work for the longest period, the average opening being May 1 and the closing November 8. The compilation of the returns by counties will be found in Table v.

BUTTER. The following table gives statistics by counties of 32 creameries reported out of 39 in operation in Ontario, showing the quantity and value of product (including cheese in five combination factories), the average number of patrons, the average price of butter per pound, and the dates of opening and closing :

Counties.	Creameries in operation.	Creameries making returns.	Butter.		Cheese.		Total value of product.	Average No. of patrons.	Average price of butter per lb.	Average date of opening.	Average date of closing.
			Quan.	Value.	Quan.	Value.					
	No.	No.	lb.	\$	lb.	\$	\$		cts.		
Kent.....	1	1	9,203	1,841	.....	.....	1,841	29	20.00	Jun. 2	Sep. 27
Lambton	1	1	17,195	3,189	.....	.....	3,189	36	18.55	May 5	Oct. 31
Huron	4	3	69,800	13,580	.....	.....	13,580	257	19.46	" 21	" 19
Bruce	8	7	266,496	51,469	.....	.....	51,469	809	19.31	" 18	" 12
Grey	7	7	427,967	80,692	.....	.....	80,692	1,008	18.85	" 17	" 23
Middlesex	1	1	10,860	2,175	5,451	518	2,693	3	20.03	" 6	*
Perth ...	1	1	43,100	8,405	.....	.....	8,405	120	19.50	" 15	Nov. 8
Wellington ...	1	1	29,252	5,909	.....	.....	5,909	85	20.20	" 26	Oct. 4
Waterloo.....	4	3	91,140	16,370	86,117	5,430	21,800	258	17.96	" 19	" 25
Durham.....	1	1	13,400	2,483	.....	.....	2,483	64	18.53	" 27	" 13
Prince Edward.	2	1	13,610	3,062	63,989	4,136	7,198	60	22.50	" 1	Nov. 1
Leeds and Grenville....	2	2	59,003	11,997	.....	.....	11,997	54	20.33	Apr. 26	" 30
Dundas	2	1	49,313	10,106	.....	.....	10,106	59	20.49	" 27	Oct. 31
Stormont.....	1	1	39,816	8,123	135,609	8,610	16,733	76	20.40	May 1	Nov. 5
Glengarry	1	1	7,400	1,443	19,272	1,734	3,177	17	19.50	" 1	" 1
Other counties.	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
The Province :											
1890	39	32	1,147,555	220,844	310,438	20,428	241,272	2,935	19.24	.....	.....
1889	33	30	876,003	184,067	219,808	14,406	198,473	2,221	21.01	.....	.....

* Worked throughout the year. Reported to February 1st, 1891.

The number of creameries has been increased by 6. Of the 32 creameries returned 5 make both butter and cheese, one each in the counties of Middlesex, Waterloo, Prince Edward, Stormont and Glengarry. Only 3 were thus engaged in 1889. The output of butter from the 27 butter factories was 38,896 lb. per factory, as compared with 29,517 lb. in 1889, 26,592 lb. in 1888 and 34,250 lb. in 1887. The number of patrons increased from 77 per creamery in 1889 to 92 in 1890. The prices realised for butter averaged \$1.77 per 100 lb. less than in 1889. More than 60 per cent. of the creamery butter is manufactured in the counties of Grey and Bruce. Of the creameries reporting, 7 state the quantity in pounds of cream gathered and 7 the quantity of milk gathered. The former use 1,693,168 lb. of cream in manufacturing 373,417 lb. of butter, valued at

\$71,988. It thus required 4.53 lb. of cream per pound of butter as compared with 4.14 in 1889, and 4.38 in 1888. In those creameries manufacturing from milk it took 25.24 lb. of milk for a pound of butter, as compared with 24.28 in 1889 and 24.9 in 1888. The average value of the product of 100 lb. of milk by this system was 79.6 cents (exclusive of the value of the buttermilk). The average from cheese factories was 86.0 cents. The average from the 5 combination cheese and butter factories was 90.2 cents. These factories used 4,433,003 lb. of milk, and made 97,346 lb. of butter, valued at \$19,551, and 310,438 lb. of cheese valued at \$20,428. By estimating the business of the 7 factories not returned, in the same proportion to the 27 butter factories reported, it will be found that the 39 creameries used 37,812,534 lb. of milk, or the product of 13,770 cows.

ENSILAGE. Correspondents report a very slow movement in the erection of silos. The idea seems to have met with the greatest favor in the Lake Ontario counties and in some of the counties along the St. Lawrence river, but even in these sections dairymen are moving cautiously. One correspondent in Dundas county states: "If the silos sprinkled over the township turn out well this year the practice of growing corn for ensilage is likely to become quite general next year." Another correspondent, however, claims that an objection to the silo is "the large amount of work it demands during a busy season of the year." Corn is the principal crop used for ensilage. Some correspondents report the silos as being remarkably successful, while one suggestively describes a neighboring silo as "smelling like a brewery."

THE APIARY.

The winter, according to the May reports, was favorable to the apiary, the losses resulting chiefly from stocks wintered inside finding the quarters too warm. Dysentery was reported by a few correspondents, and some colonies died from starvation, but taking the province over it was estimated that the losses would not average over eight per cent., and with experienced apiarists that percentage of losses would be further reduced. Western beekeepers appear to have been more successful than those in the east. The spring was rather backward for bees, and when correspondents wrote many colonies had not been out for a fly. Two cases of swarming in April were mentioned in Grimsby—an unusual occurrence.

The August bulletin had the following:—"Swarming was late as a rule, but in the majority of cases was quite frequent. Although occasional mention is made of spring dwindling and dysentery, very little is said about foul brood, and the general health of bees may be classed as good. There was a full supply of white clover, but linden was a failure owing to unpropitious weather at the time of bloom. The bees, however, found compensation in thistles and dandelions, which yielded considerable nectar. The average yield of honey per hive may be placed at 40 pounds, and in this matter eastern beekeepers appear to have been more favored than those in the west. The outlook for the apiary was fair, as correspondents wrote, although some were fearing the effects of the drouth then prevailing."

The November bulletin thus summed up the question of bees and honey:—"Very contradictory reports are given regarding the condition of the apiary. Some correspondents, in the Lake Ontario counties more particularly, speak of bees as in good condition and the yield of honey as a very fair one. The general experience, however, was that the fall was too wet and cold for the gathering of a full supply of nectar, and that bees could do but little more than hold their own in the latter part of the season. The result is that unskilled apiarists will find themselves with empty stores and weak colonies, which mean feeding back and doubling up, or annihilation. The net yields per colony, spring count, vary from nothing at all up to 200—the latter an exceptional case in Welland—but the average may be placed at about 40 lb. No disease is reported."

FACTORIES AND CREAMERIES IN ONTARIO.

CHEESE FACTORIES IN OPERATION IN ONTARIO DURING 1890, WITH NAME AND POST OFFICE ADDRESS OF THE SECRETARY OF EACH FACTORY.

NOTE.—No return received from factory marked with asterisk (*).

County and Township.	Name of Factory.	Name of Secretary or other Officer.	Post Office Address.
ESSEX:			
Mersea	Blytheswood	C. W. Hind, Prop.	Blytheswood.
KENT:			
Camden	Dawn Mills	J. T. Race, Prop.	Dawn Mills.
	*Thamesville	James Secord, Sec.	Thamesville.
Chatham.....	*Chatham Centre	T. McKerrell, Sec.	Eberts.
	Chatham Gore	David McArthur, Pres.	Tupperville.
	Sydenham Valley.....	J. N. McCoy.....	Wallaceburg.
Harwich.....	*Creek Road	John Buller	Harwich.
Howard.....	Botany	D. A. Graves, Sec.	Botany.
	*Buller's	James Buller, Prop.	Selton.
Orford.....	Orford Cheese Mfg. Co.	S. McDonald, Sec.	Muirkirk.
Raleigh.....	*Scaman's	Wm. S. Scaman.....	Charing Cross.
Tilbury East.....	Valetta	J. M. Hyde.....	Valetta.
ELGIN:			
Aldborough.....	Crinan	W. H. McLean.....	Crinan.
	*Rodney	Wm. Johnston, Prop.	Rodney.
	Rosedale	Arch. McColl, Sec.	Aldborough.
	West Lorne.....	John F. Taylor, Sec.	West Lorne.
Bayham.....	Bayham	E. T. Martin, Sec.	Griffin's Corners.
	Bayham Br. (Brownsville) ..	Benj. Hopkins, Sec.-Treas. ..	Brownsville.
	Bayham and Malahide.....	John L. Brown, Sec.	Corinth.
	New England.....	O. E. Twiss, Sec.	Tilsonburg.
	*Nova Scotia St.	Miss J. Saxton, Sec.	Lakeview.
	Guysborough	George Bennett, Sec.	Guysborough.
	Vienna	J. T. Gamble, Sec.	Vienna.
Dorchester S.	Avon	Wm. Dafoe, Sec.	Avon.
	Lyons	Thos. Wilkinson, Sec.	Lyons.
	Springfield	John Clunas, Sec.	Springfield.
Dunwich	Dutton	W. A. Ostrander, Prop.	Dutton. Box 217.
	Wallacetown.....	A. Keilor.....	Wallacetown.
Malahide.....	Dunboyne	Noble F. Tufford, Sec.	Dunboyne.
	Malahide	R. Abell	Seville.
	Northwood	George Beckett, Sec.	Aylmer.
Southwold.....	Iona Station	McCallum Bros. Props.	Iona Station.
	Fingal	Thos. E. McLaughlin, Sec.	Fingal.
	Payne's Mills.....	Wm. Sharon, Sec.	Frome.
	West Magdala	R. R. Cranston, Prop.	West Magdala.
Yarmouth.....	Elgin	J. W. Scott, Prop.	Sparta.
	Mapleton	A. Charlton.....	Mapleton.
	*Springwater.....	Asa Pound, Prop.	New Sarum.
	Yarmouth Centre.....	James Brown, Sec.	Yarmouth Centre.
NORFOLK:			
Charlotteville.....	St. Williams.....	G. W. Newman, Sec.	St. Williams.
	Vittoria	John Pow, Sec.	Vittoria.
	Walsh	Walter Rollings, Sec.	Walsh.
Houghton	*Clear Creek	James Slater.....	Clear Creek.
	Houghton Centre	S. T. Jackson, Prop.	Houghton.
Middleton.....	Courtland.....	O. E. Twiss, Sec.	Tilsonburg.
	Delhi	G. R. Gray, Sec.	Delhi. Box 115.
Townsend	Bloomsburg	J. H. Lingwood, Sec.	Bloomsburg.
	Boston	W. A. McIntosh, Sec.	Boston.
	Rockford, Villa Nova.....	H. W. Foster, Sec.	Villa Nova.
	Waterford	John Martin.....	Waterford.

CHEESE FACTORIES IN ONTARIO.—Continued.

County and Township.	Name of Factory.	Name of Secretary or other Officer.	Post Office Address.
NORFOLK—Con.			
Walsingham	*Carholme	James Knowles, Sec.	Carholme.
	Lynedoch	C. A. Ostrander, Prop.	Lynedoch.
	Marston	C. H. Brayley, Sec.	Marston.
Windham	Bookton	Norman McCurdy, Sec.	Bookton.
	Nixon	W. S. Wood, Sec.	Nixon.
	Ranelagh	G. A. Carter, Sec.	Ranelagh.
	Vanessa	W. J. Reavely	Vanessa.
Woodhouse	Black Creek	W. C. Parsons, Prop.	Jarvis.
	Excelsior	W. H. Olds, Sec.	Simcoe.
	*Lynn Valley	E. G. Ford, Prop.	Lynn Valley.
HALDIMAND:			
Canborough	Attercliffe Sta.	Harold Eagle, Sec.	Attercliffe Sta.
	Canborough	James N. Paget, Prop.	Canborough.
Cayuga N.	*Kohler	John J. Lint, Sec.	Kohler.
Dunn	Lake View	F. Platt, Prop.	Dunnville.
Moulton	*Stromness	Arch. McDonald	Stromness.
Rainham	Selkirk	Joel Hoover	Selkirk.
Seneca	Tyneside	J. M. Clydsdale, Prop.	Tyneside.
Walpole	Cheapside	R. A. Walter, Sec.	Cheapside.
	Jarvis West	W. C. Parsons, Prop.	Jarvis.
	Springvale	John Hainer, Treas.	Springvale.
	Walpole	John W. Bain, Prop.	Cheapside.
WELLAND:			
Bertie	*Bertie	E. O. Disher, Sec.	Ridgeway.
Wainfleet	Forks Road	John G. Wills, Sec.	Forks Road.
	*Wellandport	Hamilton Johnson	Wellandport.
LAMBTON:			
Bosanquet	Ridge Tree	Alexander Jamieson, Sec.	Thedford.
Brooke	Aberfeldy	John J. Risk, Prop.	Aberfeldy.
	Alvinston	R. J. Ward, Prop.	Alvinston.
	Brooke and Warwick	Alex. Cowan, Sec.	Watford.
	Walnut	W. G. Willoughby, Prop.	Walnut.
Euphemial	*Annett's	John J. Risk, Prop.	Aberfeldy.
	*Florence	J. W. Healy	Florence.
Plympton	Forest	Nicholas Hanning	Forest.
	*Gala Bank	Wm. Symington, Prop.	Camlachie.
	South Plympton	A. D. Anderson, Sec.	Wyoming.
	*Uttoxeter	Edward Archer, Sec.	Warwick West.
Sarnia	*Vyner	Miles Carrick, Sec.	Mandaumin.
Sombra	Sombra Cheese Co.	W. S. Howell, Sec.	Thornhurst.
Warwick	*Maple Grove	B. Bachelor, Sec.	Birknam.
	Thompson	Wm. Thompson	Arkona.
	Warwick	J. S. Clark, Prop.	Warwick West.
HURON:			
Grey	Ethel	Robert Barr, jr., Prop.	Ethel.
	Grey and Morris	Daniel Stewart, Sec.	Brussels.
	Molesworth	Henry Coghlin, Sec.	Molesworth.
	Walton	R. H. Ferguson, Sec.	Walton.
Howick	Fordwich	James Fallis, Sec.	Newbridge.
	Peoples	Wm. McKercher, Sec.	Wroxeter.
	Springbank	George Padfield, Sec.	Gorrie.
Hullett	Constance	R. Jamieson, Sec.	Seaforth.
McKillop	Winthrop	John C. Morrison, Sec.	Winthrop.
Stanley	*Blake	Asa J. Styles, Sec.	Blake.
Stephen	Centralia	R. F. Hicks	Centralia.
	Corbett	Miss M. A. Corbett, Sec.	Corbett.
	Crediton	Charles Brown	Crediton.
Tuckersmith	Rodgerville	James Murray, Sec.	Rodgerville.
Turnberry	Bluevale	John Burgess, Sec.	Bluevale.
Wawanosh E.	Belgrave	George Hood, Sec.	Sunshine.
BRUCE:			
Anabel	Wiarton	Geo. H. Johnson, Sec.	Wiarton.
Arran	Tara	John Douglas, Sec.	Tara.
Brant	Brant	Daniel Sullivan, Sec.	Malcolm.

CHEESE FACTORIES IN ONTARIO.—*Continued.*

County and Township.	Name of Factory.	Name of Secretary or other Officer.	Post Office Address.
BRUCE—Con.			
Brant	Dunkeld	Thos. A. Chisholm, Sec.	Dunkeld.
Bruce	Climax	Andrew Kirkconnell, Pres. .	Tiverton.
	Underwood	Amos Hilker, Sec.	Underwood.
Carrick	Belmore	D. M. McDonald, Sec.	Belmore.
	Otter Creek	Louis Braun, Sec.	Walkerton.
Culross	*Riversdale	J. Lochart	Riversdale.
Elderslie	Elderslie	Isaac McClure, Sec.	Williscroft.
Greenock	*Pinkerton	D. Pinkerton	Pinkerton.
Huron	Huron	James Harrison, Pres.	Kincardine.
	*Paramount	Joseph Taylor, Sec.	Lucknow.
	Pine River	John Thompson, jr.	Pine River.
Kincardine	Armow	Wm. A. Shier, Sec.	Armow.
	*Bervie	James Glass	Bervie.
	Glammis	W. M. Alton	Tiverton.
	Millarton	Wm. Rutledge, Sec.	Millarton.
Kinloss	Holyrood	George McIntosh, Sec.	Holyrood.
	Lucknow	J. A. Denning, Prop.	Lucknow.
Saugeen	Burgoyne	T. B. Millar	Burgoyne.
	Star	George S. Webb, Prop.	North Bruce.
GREY:			
Artemesia	Flesherton	James Brodie, Sec.	Vandeleur.
	Markdale	Henry D. Irwin, Sec.	Markdale.
Bentinck	*Hanover Ch. Co.	Andrew Magwood	Hanover.
Holland	Chatsworth	W. A. Ferguson, Sec.	Chatsworth.
Normanby	Alsfield Ch. & B. Co. .	C. H. Peterson, Sec.	Clifford.
	Mount Forest	Joseph Tuck, Sec.	Mount Forest.
	Varney	Chas. Ramage, Sec.	Varney.
Osprey	Badjeros	George Bailey, Treas.	Shrigley.
Proton	Dundalk	Robert Russell	Dundalk.
	Ventry	James Cavanagh, Sec.	Hopeville.
	Victoria	Wm. Haines, Prop.	Inistioge.
SIMCOE:			
Flos	Elmvale	Wm. Harvey, Sec.	Elmvale.
Nottawasaga	Avening	W. G. Carruthers, Sec.	Avening.
	Glen Huron	James Connor, Sec.	Glen Huron.
	Lavender	Samuel Flach, Mgr.	Lavender.
Tecumseth	Cookstown	W. F. Moore, Sec.	Cookstown.
Tiny	*Lafontaine	Lecamp & Tremeeer, Dirs. .	Randolph.
MIDDLESEX:			
Adelaide	Kerwood	A. McKenzie, Sec.	Kerwood.
	Keyser	Hugh E. Wilson, Prop.	Keyser.
	*Victoria	Wm. Dowding	Adelaide.
Biddulph	Cedar Vale	Michael Blake, Sec.	Elginfield.
	North Middlesex	George W. Fox, Sec.	Lucan.
Caradoc	Caradoc	Wm. F. Sawyer, Sec.	Mount Brydges.
	Mount Carmel	D. Leitch, Sec.	Strathroy.
	Muncey Road	John Stuart, Sec.	Mount Brydges.
Delaware	Delaware	H. J. Smith, Sec.	Lambeth.
Dorchester N.	Burnside	S. Barr, Sec.	Mossley.
	*Dorchester Station ..	L. D. Monk	Dorchester Sta.
	Gladstone	W. H. Swales, Sec.	Gladstone.
	Gore	James Smith, Mfr.	Crampton.
	Harrietsville	F. Kunz, Sec.	Harrietsville.
	Thames	J. A. James, Mfr.	Nilestown.
Ekfrid	Appin	Hector McFarlane, Sec.	Glencoe.
	Mayfair	John Cooper, Sec.	Melbourne.
London	*Birr	Chas. Robson, Sec.	Birr.
	Bryanston, Devezes.	Robert Elliott, Sec.	Plover Mills.
	Geary	John Geary, Prop.	London, Box 132.
	Melrose	W. Ferguson	Ferguson.
	North Branch	Fred Bailey, Sec.	Rebecca.
	Proof Lime	James Tier, Sec.	Arva.
	Union Hill	R. H. Harding, Sec.	Thorndale.
McGillivray	West McGillivray	W. T. Amos, Sec.	Lieury.
Metcalfe	Napier	Wm. Ormerod, Mfr.	Napier.
	Sifton's	Thos. H. Payne, Sec.	Cairngorm.
Mossa	Glencoe	Hector McFarlane, Sec.	Glencoe.
Nissouri W.	Blanshard and Nissouri .	Fergus McMaster, Sec.	St. Marys.

CHEESE FACTORIES IN ONTARIO.—*Continued.*

County and Township.	Name of Factory.	Name of Secretary or other Officer.	Post Office Address.
MIDDLESEX.— <i>Con.</i>			
Nissouri W.	Cherry Hill.....	Hope Webster, Sec.....	Thamesford.
	Nissouri West.....	W. Lee, Sec.....	Thornedale.
Westminster	Belmont.....	George McKellar, Sec	Belmont.
	Glanworth.....	R. G. Rose, Sec.....	Hubrey.
	North Street.....	H. B. Stephens, Prop.....	Glanworth.
	*Pond Mills.....	John McDougal.....	Lambeth.
	Westminster.....	A. E. Carrothers, Sec.....	Pond Mills.
	White Oak.....	John H. Burnard, Sec.....	White Oak.
Williams W.....	Rob Roy, Parkhill.....	Wm. Dickson, Sec.....	Parkhill.
OXFORD :			
Blandford	Bright.....	John Riesberry, Pres.....	Bright.
	Eastwood.....	W. E. Hopkins, Sec.....	Eastwood.
Blenheim	Soho Ch. & B. Co	J. D. Scott, Sec.....	Richwood.
Dereham.....	Brownsville, Culloden, } Tilsonburg.....	Benjamin Hopkins, Sec.....	Brownsville.
	Dereham and Norwich.....	Wm. Jones, Sec.....	Mount Elgin.
	Dereham and W. Oxford.....	A. R. McNiven, Sec.....	Ingersoll.
	Lawson's, Salford.....	J. P. Harris, Sec.....	Holbrook.
	Mount Elgin	James V. Bodwell, Sec.....	Mount Elgin.
	*Prouse's.....	Thos. Prouse, Prop.....	do
	Verschoyle.....	James Hunter, Sec.....	Verschoyle.
	Wilkinson's.....	J. H. Wilkinson.....	do
Nissouri E.....	Kintore.....	D. R. Calder, Sec.....	Kintore.
	Kintore (East branch).....	Thos. W. Alderson, Sec.....	do
	Lakeside.....	Robert Marshall.....	Lakeside.
	Murray Bros.....	W. C. Murray, Sec.....	St. Marys.
	*Nissouri.....	G. A. Sutherland, Sec.....	Ingersoll.
	Thamesford.....	David Lawrence, Sec.....	Thamesford.
Norwich N.	Dunkin's.....	T. L. Duncan, Sec.....	Norwich.
	Ontario, Burgesville.....	I. L. Farrington, Prop.....	do
	*Smith's.....	Robert Snell, Sec.....	do
Norwich S.....	Springford.....	F. C. Anstice, Sec.....	Springford.
	Summerville.....	J. B. Addison.....	Otterville.
Oxford E.....	Diamond.....	J. McConnell.....	Vandecar.
	Oxford.....	I. L. Farrington, Prop.....	Norwich.
	Oxford, East and West.....	M. S. Schell, Sec.....	Woodstock.
Oxford N.....	Maple Leaf.....	Thos. Caddey, Prop.....	Ingersoll.
	Oxford, North.....	W. H. Sutherland, Sec	Ingersoll (Box111)
Oxford W.....	Harris Street.....	C. E. Cook.....	Ingersoll.
	Oxford, West.....	W. G. Francis, Sec.....	Ingersoll.
Zorra E.....	Blandford and Zorra E.....	A. Miller, Sec.....	Walmer.
	German Union.....	Christian Schrag, Mfr	New Hamburg.
	*Honey Grove.....	Robert Morton, Prop.....	Cassel.
	Spring Creek.....	A. McKay, Sec.....	Woodstock.
	Strathallan.....	Absalom Graves, Sec.....	Hickson.
Zorra W.....	Zorra East Central	Douglas Bruce, Sec.....	South Zorra.
	Brooksdale.....	Wm. Matheson, Sec.....	Brooksdale.
	Cold Springs.....	Hugh Matheson, Sec.....	Youngsville.
	Red Star.....	W. H. Sutherland, Sec.....	Ingersoll.
	Zorra, West.....	Wm. Loveys, Sec.....	Embro.
BRANT :			
Brantford	N. Brant Dairy Ass.....	Thos. A. Good, Sec.....	Brantford.
	*Riverside.....	Robert Sanderson.....	do
Burford	Cathcart.....	Chas. Kelly, Sec.....	Cathcart.
	Harley.....	I. L. Farrington, Prop.....	Norwich.
	Kelvin.....	Joseph McCombs, Sec.....	Kelvin.
	*New Durham.....	James Paterson, Sec.....	New Durham.
Dumfries S.....	St. George.....	John Richardson, Prop.....	St. George.
Oakland.....	Oakland.....	George Taylor.....	Oakland.
PERTH :			
Blanshard.....	Blanshard	George B. Webster, Sec.....	St. Marys.
Downie	Avonbank.....	Wm. Tier.....	Motherwell.
	Black Creek.....	Thos. Ballantyne, M.P.P.....	Stratford.
	Downie.....	H. A. Southwick, Prop.....	Avonton.
	Gore of Downie	John Dempsey, Prop.....	Fairview.
	*Kastnerville.....	Geo. Barthel, Prop.....	Stratford.
Easthope N.....	Avondale.....	John Wilford, Prop.....	Shakespeare.

CHEESE FACTORIES IN ONTARIO.—Continued.

County and Township.	Name of Factory	Name of Secretary or other Officer.	Post Office Address.
PERTH—Con.			
Easthope S.	*Tavistock	Wm. Gillard	Tavistock.
Ellice	Classic	D. A. Dempsey, Prop.	Stratford.
	Ellice	Chas. Stock	Stratford.
Elma	Britton	Wm. Stevenson	Britton.
	Donegal	Samuel McAllister, Prop.	Donegal.
	Elma	Wm. Lochhead, Sec.	Atwood.
	Elmbank	Robert Cleland, Prop.	Listowel.
	Gotham	Joseph Freeman, Sec.	Britton.
	Monkton	Andrew Erskine, Sec.	Monkton.
	Newry	John Morrison, Sec.	Newry.
	Silver Corners	Geo. Richmond, Sec.	do.
	Trowbridge	John Adams, Sec.	Trowbridge.
Fullarton	Cold Creek	Thomas Stacey, Sec.	Fullarton.
Logan	*Willow Grove	James Wood	Bornholm.
Mornington	*Milverton	H. Goodhand, Prop.	Milverton.
	Newton, Carthage	Hugh Jack, Sec.	Newton.
	Cedar Grove	George V. Pool, Sec.	Wallace.
Wallace	Wallace	Jephtha Vankleeck, Sec.	Listowel.
WELLINGTON :			
Arthur	Conn.	James McLuhan, Sec.	Conn.
	Kenilworth	George Cushing, Sec.	Kenilworth.
Luther W.	Arthur and Luther	John McNab, Sec.	Arthur.
Maryborough	Maryborough	Wm. Wilson, Sec.	Rothsay.
	Riverbank	A. R. McLachlan, Sec.	do.
	Wyandotte	Thos. J. Paterson, Sec.	Moorefield.
Minto	Harriston	W. D. McLellan, Sec.	Harriston.
	Minto and Arthur	James Wiseman, Sec.	Cotswold.
	*Palmerston	George Garbig, Sec.	Palmerston.
Peel	Goldstone	W. T. Whale, Sec.	Gladstone.
	Peel	John Hought, Sec.	Glenallan.
WATERLOO :			
Dumfries N.	Galt	W. P. Clay, Prop.	Galt.
Wellesley	Bamberg	Jacob Kaufman, Sec.	Bamberg.
	Honey Grove	J. W. Chambers, Prop.	Poole.
Wilmot	*Oak Grove	C. Schrag, Mfr.	New Hamburg.
	Philipsburg	John D. Schantz, Prop.	Baden.
DUFFERIN :			
Amaranth	Laurel	Jonathan Varcoe, Sec.	Laurel.
	Waldemar	John Johnston, Treas.	Waldemar.
Melancthon	Shelburne	Jacob Walker, Treas.	Shelburne.
LINCOLN :			
Caistor	Caistorville	Adam Spears, Sec.	Caistorville.
Clinton	*Beamsville	Arthur Hunter	Beamsville.
	Campden	H. S. Hummel, Sec.	Campden.
Gainsborough	Bismarck	John L. Heaslip, Sec.	Wellandport.
WENTWORTH :			
Ancaster	Renforth	D. Hamilton, Sec.	Renforth.
Beverley	Beverly	George Paterson, Prop.	West Flamboro.
	*Sheffield	C. W. Laing, Prop.	Sheffield.
PEEL :			
Chinguacousy	Norval	Robert Groat, Prop.	Georgetown.
YORK :			
King	Eversley	Henry Rogers, Sec.	Eversley.
Markham	Cedar Grove	Mrs. J. N. Raymer, Mfr.	Box Grove.
	Ringwood	A. B. Grove	Ringwood.
ONTARIO :			
Whitby E.	Geneva	James Burns, Prop.	Columbus.
DURHAM :			
Cavan	Millbrook	James Brock, Sec.	Millbrook.
Clarke	Newtonville	W. J. Jones	Clarke.
Darlington	Darlington	L. M. Courtice, Salesman	Courtice.
	Hampton	F. L. Ellis, Sec.	Hampton.
Hope	Hope	Wm. Henwood, Sec.	Welcome.
	Perrytown	Fred. Currelley, Sec.	Canton.

CHEESE FACTORIES IN ONTARIO.—Continued.

County and Township.	Name of Factory.	Name of Secretary or other Officer.	Post Office Address.
NORTHUMBERLAND:			
Alnwick.....	Roseneath.....	Dennis Keogan, Sec.....	Hastings.
Brighton.....	Brighton and Murray.....	Isaac W. Hennessey, Sec.....	Wooler.
	Cedar Hill.....	Hugh Strong, Prop.....	Hilton.
	*Codrington.....	A. D. Richards, Pres.....	Codrington.
	Hilton.....	A. E. Thorne, Sec.....	Hilton.
	Standard.....	John Armstrong, Pres.....	Warkworth.
Cramahe.....	Castleton.....	R. R. Philp, Pres.....	Castleton.
	Cramahe.....	R. A. Brintnall, Treas.....	Dundonald.
	Morganston.....	Homer Platt, Sec.....	Morganston.
	Salem.....	S. E. Dixon.....	Colborne.
Haldimand.....	Eddystone.....	George Gillespie, Sec.....	Vernonville.
	Spring Valley.....	A. G. McDonald, Prop.....	Burnley.
	Wicklow.....	R. J. Rutherford, Sec.....	Wicklow.
Hamilton.....	Baltimore, Crown.....	Samuel Philp, Prop.....	Baltimore.
	*North Star.....	John C. Rosevear, Pres.....	Cold Springs.
Monaghan S.....	Bensfort.....	Thomas Dodds, Sec.....	Bensfort.
Murray	Fountain.....	Richard Buck.....	Frankford.
	*Maple Leaf, B.....	C. W. Wright, Sec.....	do
	Queen's.....	W. A. Hendrick, Pres.....	Stockdale.
	Smithfield.....	W. H. Potts, Sec.....	Smithfield.
Percy.....	Brickley.....	A. B. German, Sec.....	Brickley.
	Model.....	James Oliver, Sec.....	Warkworth.
	Warkworth.....	W. T. Wiggins, Sec.....	do
Seymour.....	Brae.....	Gilbert Bedford, Sec.....	Campbellford.
	Crow Bay.....	James C. Cleugh, Pres.....	Sarginson.
	Empire.....	Robert White, Pres.....	Campbellford.
	Forest.....	Alex. Haig, Sec.....	Menie.
	*I. X. L.....	John Govan, Pres.....	Campbellford.
	Meyersburg.....	Wm. Clark, Sec.....	Meyersburg.
	Prince of Wales, Valley.....	John Clark, Sec.....	Campbellford.
	Rylestone.....	Arch. Morton, Pres.....	Springbrook.
	Seymour West.....	E. C. West, Sec.....	Campbellford.
	Stanwood.....	James B. Peoples, Sec.....	Preneveau.
	Woodland.....	F. Macoun, Sec.....	Campbellford.
PRINCE EDWARD:			
Ameliasburg.....	Brandy Creek.....	R. N. Hunt, Pres.....	Murray.
	Mountain View.....	A. J. Potter, Prop.....	Mountain View.
	Rednerville.....	John G. Peck, Pres.....	Albury.
Athol.....	Cherry Valley.....	Luther Platt, Sec.....	Cherry Valley.
Hallowell.....	Bloomfield.....	David S. Hubbs, Sec.....	Bloomfield.
Hillier.....	Hillier.....	Louis P. Hubbs, Sec.....	Hillier.
Marysburg N.....	Lake View.....	G. N. Rose, Sec.....	Waupoos.
	Union.....	Robert Davison, Sec.....	Pictou.
Marysburg S.....	Black Creek.....	Wm. Call, Sec.....	Milford.
	Point Traverse.....	Alva Rose, Sec.....	South Bay.
	*Royal Street.....	Walter Striker, Prop.....	Milford.
Sophasburg.....	Ben Gill.....	Thomas Wright, Sec.....	Gilbert's Mills.
	*Big Island.....	Ryerson Rankin.....	Demorestville.
	*Elm Brook.....	Mrs. Richard Benson.....	Pictou.
	*Grape Vale.....	James Roblin.....	Fish Lake.
	Maple Leaf.....	Alfred Foster.....	do
	Northport.....	Ira David, Pres.....	Solmesville.
LENNOX AND ADDINGTON:			
Adolphustown.....	*Adolphustown.....	Percival Platt.....	Dorland.
Camden.....	Camden East.....	George E. Hinch, Sec.....	Camden East.
	Centreville.....	Wm. Whelan, Treas.....	Centreville.
	Enterprise, Whitman Creek.....	James Cousins, Auditor.....	Enterprise.
	Moscow.....	Vanluven Bros., Props.....	Moscow.
	Newburgh.....	George A. Aylesworth, Sec.....	Newburgh.
Ernesttown.....	Bath, Union.....	W. R. Gordanier, Sec.....	Morven.
	*Empey.....	P. E. R. Miller, Sec.....	Switzerville.
	Metzler.....	L. L. Gallagher, Sec.....	Wilton.
	Odessa.....	James C. Fraser, Sec.....	Odessa.
Fredericksburg N.....	Napanee.....	W. N. Dollar, Sec.....	Napanee.
	Phoenix.....	Charles B. Parks, Sec.....	Hay Bay.
Fredericksburh S.....	Phippen's.....	Wm. Phippen, Prop.....	Sandhurst.
	Sillsville.....	James Rennie.....	Sillsville.

CHEESE FACTORIES IN ONTARIO.—*Continued.*

County and Township.	Name of Factory.	Name of Secretary or other Officer.	Post Office Address.
LENNOX AND AD.—<i>Con.</i>			
Kaladar	Flinton	Thomas Welsh, Mfr	Flinton.
Richmond	Forest Mills	W. J. Sergeant, Sec	Kingsford.
	Selby	Ira B. Hudgins, Sec	Selby.
Sheffield	Clareview	John Garrett, Sec	Erinsville.
	Sheffield	D. E. Rose, Sec	Tamworth.
FRONTENAC :			
Bedford	Fermoy, Salem	John McGuire, Sec	Westport.
	Tichborne	Joseph Kenny, Prop	Tichborne.
Hinchinbrooke	Iron Junction	Joseph Kennedy	Godfrey.
	Parham	David Goodfellow	Parham.
Kennebec	* Arden	W. B. Mills	Arden.
Kingston	* Arigan	Patrick Black	Mt. Chesney.
	* Glenburnie	Robert Vair, Prop	Glenburnie.
	* Glenvale	J. Creamer	Glenvale.
	* Lake Shore	P. E. Ward	Kingston.
	Maple Grove	F. P. Grass, Prop	do
	Pious Hollow	T. A. Keenan, Prop	Mt. Chesney.
	Union	Joshua Knight	Elginburg.
Loughborough	* Forest	John Moreland, Sec	Sydenham.
	Railton	Keely & McAuley	Railton.
Oso	Crow Lake	H. W. Hunt, Sec	Sharbot Lake.
	Perth Road	Wm. Guthrie, Sec	Perth Road.
Pittsburg	Granite Hill	F. J. Henderson, Sec	Pittsferry.
	Keenan & Sons	T. A. Keenan	Mt. Chesney.
	Leo Lake	John P. Bower	Seeley's Bay.
	* Maple Leaf	Thomas Bell	Birmingham.
	Morning Star	Daniel McLean	Eric.
	* Pine Grove	John Dillon	Brewer's Mills.
	Pine Hill	D. Trotter, Sec	Cushendall.
	Rose Hill	James R. Barnes, Sec	Dufferin.
	Woodburn	David Rea	Wilketsholme.
Portland	Bellrock	Vanluven Bros., Props	Moscow.
	* Bradshaw	Robert McLean, Sec	Harrowsmith.
	Hartington	Thomas Leonard, Sec	Hartington.
	Verona	Howard Reynolds, Prop	Verona.
Storrington	* Battersea	W. J. Anglin	Battersea.
	* Cold Springs	C. W. Langwith, Sec	Sunbury.
	Duff's	Alexander Ritchie, Sec	Inverary.
	Excelsior	J. L. Keelor, Prop	Battersea.
	* Lake Opinicon	Adam Barr	Inverary.
	Sand Hill	W. W. Sands, Sec	Sunbury.
	* Storrington	L. W. Murphy	Brewer's Mills.
	Sunbury	Gordon Waldron, Sec	Sunbury.
	Washburn	Henry McBroom	Washburn.
Wolfe Island	St. Lawrence	Rattray & Kenny, Props	Wolfe Island.
LEEDS AND GRENVILLE :			
Augusta	Charleville, Grenville, } Domville, Central Augusta }	J. W. Place, Sec	Prescott.
	* Maple Grove	F. K. Wright, Sec	Algonquin.
	North Augusta	George Neeley	North Augusta.
	Roebuck	James Keating, Sec	Roebuck.
	* St. Lawrence Star	John McLean	Maitland.
	South Branch, Throoptown	Frank Meech, Sec	North Augusta.
	* Victory, No. 1	John S. Ralph	North Augusta.
	Willow	Andrew McNish, Sec	Brockville.
Bastard and Burgess S.	Brsee's	M. F. Bresee, Sec	Philipsville.
	Clear Spring	Alex. Murphy, Sec	Portland.
	Grand Central	E. Bowser, Sec	Delta.
	Myers'	Thomas Myers, Prop	Forfar.
	People's Mutual	Thomas G. Morris	do.
	Philipsville	L. N. Phelps, Sec	Philipsville.
	Plum Hollow	Andrew Derbyshire, Sec	Plum Hollow.
	Poole's	Wm. N. Poole, Mfr	Freeland.
	Reliable	Rogers & Co., Prop	Newboyne.
	Smith's Valley	R. A. Sheldon, Sec	Harlem.
Crosby N.	Ardmore, Westport	John McGuire, Sec	Westport.
	Centreville, Model	T. C. Singleton, Prop	Newboro'.

CHEESE FACTORIES IN ONTARIO.—Continued.

County and Township.	Name of Factory.	Name of Secretary or other Officer.	Post Office Address.
LEEDS AND GREN.—Con.			
Crosby S.	Clear Lake Union	George Leggett	Singleton.
	Dominion	E. V. Halladay, Prop.	Elgin.
	Maple Grove	S. M. Halladay, Mfr.	do.
	Morton	R. H. Somerville, Mfr.	Morton.
	Rockdale, Elgin Model	J. R. Dargavel, Sec.	Elgin.
	Singleton	T. C. Singleton, Prop.	Newboro'.
Edwardsburg	Cardinal	Alex. Smith, Sec.	Cardinal.
	Glensmail, (Eager's)	R. J. Bennett, Sec.	Glensmail.
	Johnstown, (Eager's)	L. Rooney, Sec.	Prescott.
	Lime Kiln, (Eager's)	Wm. Gore, Sec.	do.
	Mainsville	William Eager, Prop.	Morrisburg.
	Millar's, Nos. 1, 2 and 3	Millar & Ferguson, Props.	Spencerville.
	Shanley, (Eager's)	George Anderson, Sec.	Shanley.
	*Thompson's, No. 1	W. H. Thompson, Prop.	Prescott.
	Thompson's, No. 4	A. D. VanCamp, Sec.	do.
Elizabethtown	Anvern	A. C. Johns, Prop.	Fairfield, East.
	Barlow	C. L. McCready, Sec.	Addison.
	*Excelsior	R. McNish	Brockville.
	Glen Buell	C. J. Gilroy, Sec.	Glen Buell.
	*Leeds Union	L. Shipman, Sec.	Lyn.
	Maple Grange	Joshua Gilroy	do.
	Orchard Valley	James White, Prop.	Jellyby.
	*Palace	Cyrenus Stowell, Sec.	Addison.
	Rockspring	W. C. Tackabery	Rockspring.
	Royal Dominion	T. W. Horton	New Dublin.
	*Smith's	Thomas Smith	Greenbush.
	*Star	M. K. Evertt, Prop.	Easton's Corners.
Elmsley S.	Lombardy	Michael O'Mara	Lombardy.
Gower S.	Hickton	Wm. Eager, Prop.	Morrisburg.
Kitley	Farmer's Choice	Fred W. Scovill	Athens.
	Farmer's Friend	Charles Rudd, Sec.	Frankville.
	Glen Elm	Hugh A. Hunter, Sec.	Smith's Falls.
	Newbliss	John Mackay, Sec.	Newbliss.
	*Robinson	Alex. Cameron	Smith's Falls.
	Silver Creek	George S. Stratton, Sec.	Toledo.
Leeds and Lansdowne.	Bay	Robert Wilson, Sec.	Wilstead.
	Birmingham's Cheddar	James Birmingham	South Lake.
	Bruce	James Keating, Sec.	Lansdowne.
	Cold Glen	J. Willoughby, Prop.	Ellisville.
	Deerlick	John Cowan	Lansdowne.
	*Dulcemain	Wm. Sliter	Warburton.
	*Fairfax	John A. Heaslip	Sand Bay.
	Gananoque, Lorne	James Donevan, Sec.	Gananoque.
	*Gananoque Junction	John Conner	do.
	Lake View	W. H. Pierce, Sec.	Ellisville.
	Lyndhurst	Henry Green, Prop.	Lyndhurst.
	Oak Leaf	M. J. Johnson, Treas.	Oak Leaf.
	*Rapid Valley	C. A. Bradley	Lansdowne.
	St. Lawrence	George E. Godkin, Sec.	Waterton.
	Sand Bay	Benj. Herbison, Sec.	Sand Bay.
	Seeley's Bay	R. Gardiner, Prop.	Seeley's Bay.
	Springvale	B. H. Brown, Sec.	Morton.
	Tilley	James W. Grier, Sec.	Lansdowne.
	Warburton	John Cook, Sec.	Warburton.
	Washburn	L. H. Washburn, Sec.	Soperton.
Oxford on Rideau	Anderson's	John Anderson, Prop.	Oxford Mills.
	Bishop's Mills	Albert Alexander, Sec.	Bishop's Mills.
	Brown's Bridge	Wm. Eager, Prop.	Morrisburg.
	Graham	Joseph Carson, Sec.	Millar's Corners.
	*Kemptville	Orlando Bush, Sec.	Kemptville.
	*Oxford Mills	Levi Patton, Sec.	Oxford Mills.
	Old Fairfield	Rufus Bissell, Sec.	Easton's Corners.
Wolford	Rideau Valley	John Kerr, Sec.	Merrickville.
Yonge and Escott	Caintown	James White, Sec.	Caintown.
	*Edgeley's	M. J. Connolly, Sec.	do.
	Elbe	Bates & Brown, Props.	Elbe Mills.
	Escott Union	W. H. Warren, Sec.	Rockfield.
	Farmersville	L. A. Brown, Prop.	Athens.
	Holland	H. C. Lynch, Sec.	Escott.

CHEESE FACTORIES IN ONTARIO.—Continued.

County and Township.	Name of Factory.	Name of Secretary or other Officer.	Post Office Address.
LEEDS AND GREN.— <i>Con.</i> Yonge and Escott ...	*Junetown, A. Junetown, B. Leeds County Lillie Springs *Mallory's *Mallorytown Union Ronan's Springfield Union	James Herbison, Salesman.... Alvin Avery, Sec. Terrence Purvis, Sec. R. W. Littlejohn, Pres. A. W. Mallory, David Forester, Sec. J. K. Redmond, Sec. N. E. Mallory, Sec.	Caintown. do. Yonge Mills. Caintown. Mallorytown. do. Athens. Escott.
DUNDAS : Matilda	Advance, No. 2 Dundela Farmer's Iroquois, Maple Grove Model, No. 1 Morrisburg Morrisburg *Rowena, (Eager's) *Thompson's, No. 3 *Thompson's, No. 6 *Advance, No. 1 Rose & Co., Nos. 1 and 3 .. South Mountain	Thomas Scott, Sec. John W. Cooper G. A. Burnside, Sec. James McCullough, Prop. E. A. Roode, Prop. Wm. Eager, Prop. C. E. Robertson, Sec. R. M. Bouck, Sec. S. W. Wood W. H. Thompson, Prop. Edward Scott, Prop. John McTavish, Sec. Wm. Eager, Prop. G. C. Tracy, Sec. Wm. Eager, Prop. Isaiah Barkley C. D. Castleman	Glen Stewart. Dundela. Iroquois. do. Hulbert. Morristurg. do. Irena. Dixon's Corners. Prescott. Heckston. VanCamp. Morrisburg. Archer. Morrisburg. Dunbar. Morrisburg. Elma.
Mountain	*Elma, *Colquhoun *Glen Becker, *Grantley .. Hoasic North Williamsburg Riverside, (Eager's) Cassbridge, Creamery Chesterville Chesterville, Connaught. .. Ormond, Winch't'r Springs } Kendrick and Carlyle	John N. Logan Thomas McDonald, Prop. James Dickey, Sec. B. H. Hayunga, Sec. D. Halliday, Sec. Thos. McDonald, Prop. Wm. Eager, Prop. W. R. Allison, Sec. John McCormick John McTavish, Sec. George Carlyle, Sec.	Morrisburg. N. Williamsburg. Morrisburg. Cassbridge. Morrisburg. do. Dunbar. Morewood. VanCamp. Morewood.
Williamsburg	*Elma, *Colquhoun *Glen Becker, *Grantley .. Hoasic North Williamsburg Riverside, (Eager's) Cassbridge, Creamery Chesterville Chesterville, Connaught. .. Ormond, Winch't'r Springs } Kendrick and Carlyle	John N. Logan Thomas McDonald, Prop. James Dickey, Sec. B. H. Hayunga, Sec. D. Halliday, Sec. Thos. McDonald, Prop. Wm. Eager, Prop. W. R. Allison, Sec. John McCormick John McTavish, Sec. George Carlyle, Sec.	Morrisburg. N. Williamsburg. Morrisburg. Cassbridge. Morrisburg. do. Dunbar. Morewood. VanCamp. Morewood.
Winchester	Black River, Nos. 1, 2 and 3. *Cornwall Centre Grant's Corners Mille Roches Moulinette *Silmer's Corners Berwick, No. 1 and 2 Cahore Crysler Goldfield Comb. (3) *Dickenson Landing Dixon Farran's Point Goldfield Comb. (3) Lunenburg North Osnabruck White Clover *Allangrove Comb. (2) Berwick, No. 3 Gravel Hill	P. N. Tait, Prop. A. E. Cline, Sec. Wm. Irvine, Prop. P. N. Tait, Sec. D. J. McGilles, Sec. W. S. Friend, Sec. James Small, Prop. Wm. Eager, Prop. F. Richards, Sec. C. H. Wood, Prop. Chas. S. Baker J. C. Stata, Sec. J. R. Farran, Sec. C. H. Wood, Prop. H. McEwan, Sec. Gordon Baker George H. Jackson, Sec. D. M. Macpherson, Prop. James Small, Prop. O. Fulton, Salesman	Mille Roches. Eamer's Corners. Cornwall. Mille Roches. Moulinette. Cornwall. Berwick. Morrisburg. Crysler. Goldfield. Wales. Lunenburg. Farran's Point. Goldfield. Lunenburg. Osnabruck Centre Gallingtontown. Lancaster. Berwick. Avonmore.
STORMONT : Cornwall	Black River, Nos. 1, 2 and 3. *Cornwall Centre Grant's Corners Mille Roches Moulinette *Silmer's Corners Berwick, No. 1 and 2 Cahore Crysler Goldfield Comb. (3) *Dickenson Landing Dixon Farran's Point Goldfield Comb. (3) Lunenburg North Osnabruck White Clover *Allangrove Comb. (2) Berwick, No. 3 Gravel Hill	P. N. Tait, Prop. A. E. Cline, Sec. Wm. Irvine, Prop. P. N. Tait, Sec. D. J. McGilles, Sec. W. S. Friend, Sec. James Small, Prop. Wm. Eager, Prop. F. Richards, Sec. C. H. Wood, Prop. Chas. S. Baker J. C. Stata, Sec. J. R. Farran, Sec. C. H. Wood, Prop. H. McEwan, Sec. Gordon Baker George H. Jackson, Sec. D. M. Macpherson, Prop. James Small, Prop. O. Fulton, Salesman	Mille Roches. Eamer's Corners. Cornwall. Mille Roches. Moulinette. Cornwall. Berwick. Morrisburg. Crysler. Goldfield. Wales. Lunenburg. Farran's Point. Goldfield. Lunenburg. Osnabruck Centre Gallingtontown. Lancaster. Berwick. Avonmore.
Finch	Black River, Nos. 1, 2 and 3. *Cornwall Centre Grant's Corners Mille Roches Moulinette *Silmer's Corners Berwick, No. 1 and 2 Cahore Crysler Goldfield Comb. (3) *Dickenson Landing Dixon Farran's Point Goldfield Comb. (3) Lunenburg North Osnabruck White Clover *Allangrove Comb. (2) Berwick, No. 3 Gravel Hill	P. N. Tait, Prop. A. E. Cline, Sec. Wm. Irvine, Prop. P. N. Tait, Sec. D. J. McGilles, Sec. W. S. Friend, Sec. James Small, Prop. Wm. Eager, Prop. F. Richards, Sec. C. H. Wood, Prop. Chas. S. Baker J. C. Stata, Sec. J. R. Farran, Sec. C. H. Wood, Prop. H. McEwan, Sec. Gordon Baker George H. Jackson, Sec. D. M. Macpherson, Prop. James Small, Prop. O. Fulton, Salesman	Mille Roches. Eamer's Corners. Cornwall. Mille Roches. Moulinette. Cornwall. Berwick. Morrisburg. Crysler. Goldfield. Wales. Lunenburg. Farran's Point. Goldfield. Lunenburg. Osnabruck Centre Gallingtontown. Lancaster. Berwick. Avonmore.
Osnabruck	Black River, Nos. 1, 2 and 3. *Cornwall Centre Grant's Corners Mille Roches Moulinette *Silmer's Corners Berwick, No. 1 and 2 Cahore Crysler Goldfield Comb. (3) *Dickenson Landing Dixon Farran's Point Goldfield Comb. (3) Lunenburg North Osnabruck White Clover *Allangrove Comb. (2) Berwick, No. 3 Gravel Hill	P. N. Tait, Prop. A. E. Cline, Sec. Wm. Irvine, Prop. P. N. Tait, Sec. D. J. McGilles, Sec. W. S. Friend, Sec. James Small, Prop. Wm. Eager, Prop. F. Richards, Sec. C. H. Wood, Prop. Chas. S. Baker J. C. Stata, Sec. J. R. Farran, Sec. C. H. Wood, Prop. H. McEwan, Sec. Gordon Baker George H. Jackson, Sec. D. M. Macpherson, Prop. James Small, Prop. O. Fulton, Salesman	Mille Roches. Eamer's Corners. Cornwall. Mille Roches. Moulinette. Cornwall. Berwick. Morrisburg. Crysler. Goldfield. Wales. Lunenburg. Farran's Point. Goldfield. Lunenburg. Osnabruck Centre Gallingtontown. Lancaster. Berwick. Avonmore.
Roxborough	Black River, Nos. 1, 2 and 3. *Cornwall Centre Grant's Corners Mille Roches Moulinette *Silmer's Corners Berwick, No. 1 and 2 Cahore Crysler Goldfield Comb. (3) *Dickenson Landing Dixon Farran's Point Goldfield Comb. (3) Lunenburg North Osnabruck White Clover *Allangrove Comb. (2) Berwick, No. 3 Gravel Hill	P. N. Tait, Prop. A. E. Cline, Sec. Wm. Irvine, Prop. P. N. Tait, Sec. D. J. McGilles, Sec. W. S. Friend, Sec. James Small, Prop. Wm. Eager, Prop. F. Richards, Sec. C. H. Wood, Prop. Chas. S. Baker J. C. Stata, Sec. J. R. Farran, Sec. C. H. Wood, Prop. H. McEwan, Sec. Gordon Baker George H. Jackson, Sec. D. M. Macpherson, Prop. James Small, Prop. O. Fulton, Salesman	Mille Roches. Eamer's Corners. Cornwall. Mille Roches. Moulinette. Cornwall. Berwick. Morrisburg. Crysler. Goldfield. Wales. Lunenburg. Farran's Point. Goldfield. Lunenburg. Osnabruck Centre Gallingtontown. Lancaster. Berwick. Avonmore.
GLENGARRY : Charlottenburg	Allangrove Comb. (9) Camerontown, Tyotown Fraser's Point Martintown or Lilly White. Allangrove Comb. (5) *Greenfield	D. M. Macpherson, Prop. Thos. McDonald, Prop. D. A. Fraser, Sec. W. Irvine, Prop. D. M. Macpherson, Prop. J. J. Cameron, Sec.	Lancaster. Morrisburg. South Lancaster. Cornwall. Lancaster. Greenfield.
Kenyon	Allangrove Comb. (9) Camerontown, Tyotown Fraser's Point Martintown or Lilly White. Allangrove Comb. (5) *Greenfield	D. M. Macpherson, Prop. Thos. McDonald, Prop. D. A. Fraser, Sec. W. Irvine, Prop. D. M. Macpherson, Prop. J. J. Cameron, Sec.	Lancaster. Morrisburg. South Lancaster. Cornwall. Lancaster. Greenfield.

CHEESE FACTORIES IN ONTARIO.—Continued.

County and Township.	Name of Factory.	Name of Secretary or other Officer.	Post Office Address.
GLENGARRY.—Continued.			
Lancaster	Allangrove Comb. (4).....	D. M. Macpherson, Prop.	Lancaster.
	*Glen Norman, *Dalhousie } Mills	James Irvine	Dalkeith.
	Pine Grove (Thistle Brand) ..	R. J. McArthur	N. Lancaster.
Lochiel	*Dalkeith, *McCormick, } *McCrimmon	James Irvine	Dalkeith.
	E. Hawkesbury, No. 3	James Hurley, Sec.	Barb.
	*Gauthier's Bridge	D. A. McDonald	Alexandria.
	*Spring Creek Comb. (7) ...	W. D. McLeod, Prop.	Kirkhill.
PRESCOTT :			
Alfred	Alfred	F. W. Langrell, Sec.	Alfred.
	Daoust	Gatien Parisien, Sec.	do.
	Dubois	Onesime Dubois	Lefavre.
Caledonia	Molloy's	James Proudfoot, Sec.	Fenaghvale.
Hawkesbury	E. Hawkesbury, Nos. 1 & 2	James Hurley, Sec.	Barb.
	Hawkesbury	W. H. Byers, Pres	Hawkesbury.
	Maple Leaf	J. O. McAlpine, Sec.	St. Ann du Pres- cott.
	Maple Leaf, No. 1	Amèdè Leroux	St. Eugene.
	Maple Leaf, No. 2	Joseph Seguin	Point Fortune.
	*Monolea, No. 1	James Ross	Little Rideau.
	*Monolea, No. 4	John W. Ross	do.
	*Spring Creek Comb. (7)....	McCuaig, Cheney & Co. Props	Vankleek Hill.
	Spring Grove	S. N. Morrison, Prop.	Henry.
	Vankleek Hill	D. C. McKinnon	Vankleek Hill.
	*One factory	John McNish	do.
	do.	Wm. Wyman	Chute à Blondeau.
	do.	Joseph Vachon, Prop.	Mongenais.
Longueuil	Cassburn	R. H. Marston, Sec.	Cassburn.
Plantagenet	Fournier	Stephen Surch, Sec.	Fournier.
	Pendleton	Henry Moffatt, Prop.	Pendleton.
	Riceville, Burnside	A. McLean, Sec.	Riceville.
	St. Isidore	N. Parent, Prop	St. Isidore.
	Star	John McCrank, Sec.	Curran.
	Treadwell	A. H. Chessar, Sec.	Plantagenet.
RUSSELL :			
Cambridge	Clarence	Damase Meilleur	Clarence.
	*St. Albert	Louis Genier	St. Albert.
Clarence	The Brook	Joseph Menard, Sec.	The Brook.
	The Lake	Dr. A. DesRosiers	Clarence Creek.
Cumberland	Russell, Nos. 1, 2 and 3	W. A. Munroe	Navan.
Russell	Felton	Wm. Eager, Prop.	Morrisburg.
	*Ridge, No. 1	D. McDiarmid	St. Onge.
CARLETON :			
Fitzroy	River View	John Stevenson, Prop.	Kinburn.
	Union Pride	John Tierney, Sec.	Arnprior.
Goulbourn	Golden	Henry Vaughan, Sec.	Stapledon.
	Ottawa Valley	Adam Abbott, Sec.	Hazledean.
Gower N.	Kars	Wm. Eager, Prop.	Morrisburg.
	*North Gower	Edward Kidd, Prop	North Gower.
Huntley	*Carp	J. J. Younghusband, Sec.	Dunrobin.
March	*Dunrobin	Edward Kidd, Prop.	North Gower.
Marlborough	*Burritt's Rapids		
Nepean	Fallowfield		
Osgoode	Kenmore, Marvelville, Os- goode, Richmond	Wm. Eager, Prop.	Morrisburg.
	*Lorne	John Campbell	Dalmeny.
	*Manotick	Edward Kidd, Prop.	North Gower.
	Osgoode, No. 10	A. Walker, Sec.	Metcalfe.
	*Osgoode, No. 12	H. D. York	do.
	*White Globe, No. 2	G. M. Donaldson	Vernon.
	White Globe, No. 3	John McCaul, Sec.	do.
RENFREW :			
Horton	Maple Home	Robert McLaren, Sec.	Renfrew.
Ross	Forester's Falls	Wm. Grant, Prop.	Forester's Falls.
Wilberforce	Rankin, Wilberforce	Thos. Leech, Prop.	Rankin.

CHEESE FACTORIES IN ONTARIO.—*Continued.*

County and Township.	Name of Factory.	Name of Secretary or other Officer.	Post Office Address.
LANARK :			
Bathurst	*Bathurst	Thomas Radford	Elliott.
	*Fallbrook	Walter Cameron	Fallbrook.
	Harper	Joseph Warren, Sec.	Harper.
Beckwith	Scotch Line	Samuel Wilson	Allan's Mills.
	Beckwith	Thomas Nesbitt, Sec.	Carleton Place.
	Valley Queen	Peter McEwen, Sec.	Franktown.
Dalhousie	Watson's Corners, Brookside	W. A. Moore, Sec.	Perth.
Drummond	Balderson	Andrew Allan, Sec.	Balderson.
	Dexter	Donald McPhail, Sec.	McPhail.
	Drummond Centre	Wm. J. McCreary, Sec.	Innisville.
	Mississippi, Riverside	C. A. Matheson, Sec.	Perth.
Elmsley N.	Lone Star	B. S. Snider, Sec.	Port Elmsley.
Lanark	Boyd's, No. 1	Alfred Hammond, Sec.	Innisville.
	Fairplay	Thomas Jackson, Sec.	do.
	Hopetown	John Stewart, Sec.	Hopetown.
	Middleville	A. R. McIntyre, Sec.	Middleville.
Montague	Cedar Grove	Colin McNabb, Sec.	Smith's Falls.
	Roseville	Hugh Clark, Sec.	Montague.
	Thompson's No. 7	Robert Eamer, Sec.	Smith's Falls.
Pakenham	Pakenham	B. B. Dunnet, Sec.	Pakenham.
Ramsay	Mississippi Pride	James Robertson, Sec.	Almonte.
	Rosedale	Alfred James, Sec.	Clayton.
Sherbrooke S.	Lake View	John McGuire, Sec.	Westport
VICTORIA :			
Eldon	Kirkfield	S. Truman, Sec.	Kirkfield.
	Lorneville	John A. Jackson, Sec.	Lorneville.
Emily	Downeyville	J. C. Lucas, Sec.	Downeyville.
Fenelon	Cambray	H. J. Lytle	Cambray.
	Fenelon Fal's	F. Sandford, Prop.	Fenelon Falls.
Mariposa	Little Britain	Owen Yearsley, Prop.	Little Britain.
	Mariposa	David Rogers, Sec.	Linden Valley.
Ops	Reaboro'	J. A. Brown	Reaboro'.
Verulam	Bobcaygeon	I. L. Read, Sec.	Bobcaygeon.
	Star	Morgan Johns, Sec.	do.
PETERBOROUGH :			
Asphodel	*Norwood	Wm. Buck	Norwood.
	Ormond	James O'Reilly, Sec.	Hastings.
	Westwood	John Lancaster, Sec.	Westwood
Belmont	Melrose Abbey	Samuel Elliott, Sec.	Norwood.
	Round Lake	D. T. Young, Pres.	Rush Point
	Star	James B. Peoples, Sec.	Preneveau.
	Trentbridge	Wm. Johnston, Pres.	Trentbridge.
Douro	Maple Leaf	David Pilkey, Sec.	Peterborough.
	Pine Grove	E. J. Abbott, Sec.	Lakefield.
Dummer	*South Dummer	S. S. Spence	Cottesloe.
	Warminster	S. R. Payne, Sec.	Warsaw.
	Warsaw	Wm. F. Darling	do
Ennismore	*Myrtle	R. J. Scollard	Ennismore.
Otonabee	Keene	George Mather, Sec.	Keene.
	Otonabee Union	George Stewart, Sec.	Peterborough.
	Peterborough	Wm. Girvin, Sec.	do.
	Shearer	John Miller, Sec.	Lang.
	Central Smith	James Tindle, Sec.	Peterborough.
	Cherry Grove	P. Robinson, Sec.	Bridgenorth.
	Lakefield	J. W. Moore, Prop.	Lakefield.
	Missing Link	James Middleton, Sec.	Peterborough
	North Smith	M. E. Sanderson, Pres.	Salwyn.
HALIBURTON :			
Cardiff	Deer Lake	Alfred W. Willis, Sec.	Deer Lake.
Dysart	Dysart	Edward Holmes	Haliburton.
	Haliburton	George Bemister, Sec.	do.
Minden	*Minden	M. Brown, Sec.	Minden.
Monmouth	*Monmouth	J. H. Anderson	Wilberforce.
Stanhope	Stanhope	Jospeh Beatty	Boskung.
HASTINGS :			
Carlow and Mayo	Carlow	Andrew Whyte, Sec.	Boulter.
	Carlow and Mayo Union	W. J. Douglas, Pres.	Fort Stewart.

CHEESE FACTORIES IN ONTARIO.—Continued.

County and Township.	Name of Factory.	Name of Secretary or other Officer.	Post Office Address.
HASTINGS :—Continued.			
Dungannon.....	Bancroft.....	Fred. Mullett, Pres.....	Bancroft.
	L'Amable.....	J. R. Tait, Sec.....	L'Amable.
	Walkerville.....	D. Kavanagh, Pres.....	Umfreville.
Elzevir.....	Bridgewater, Elzevir.....	Wm. Wiggins, Pres.....	Queensborough.
Herschel.....	Maynooth.....	John M. Third, Sec.....	Maynooth.}
Hungerford.....	Bogart.....	Peter Labarge, Pres.....	Bogart. }
	*Cedar.....	Andrew Kirk.....	Chapman.
	Kervine.....	Patrick Murphy, Pres.....	Stoco.
	Marlbank.....	Wm. Burley, Sec.....	Marlbank.
	Money more.....	John Thompson, Sec.....	Money more.
	Roblin.....	James Clare, Pres.....	Chapman.
	Thomasburg.....	E. Elliott, Sec.....	Thomasburg.
	*Tweed.....	Thomas Graham, Pres.....	Tweed.
	Victoria.....	Robert Gordon, Pres.....	do.
Huntingdon.....	Beulah.....	Martin Baker, Pres.....	Ivanhoe.
	Daisy.....	John O'Reilly.....	Madoc.
	Glen.....	Samuel Ray, Pres.....	Fuller.
	Moira.....	W. H. Morton, Pres.....	Moira.
	*West Huntingdon.....	James Haggerty, Pres.....	West Huntingdon
	White Lake.....	Hector Wood, Pres.....	Ivanhoe.
Madoc.....	Allen Settlement.....	W. J. Allen, Pres.....	Cooper.
	Alexandria.....	John Caskey, Pres.....	Madoc.
	*Brook Valley.....	Thomas Burnside.....	do.
	Cold Spring.....	A. M. Ketcheson, Pres.....	do.
	Golden.....	James English, Pres.....	do.
	Spring Creek.....	Wm. Thompson, Pres.....	Remington.
Marmora.....	Spring Hill.....	D. McKenzie.....	Madoc.
	Deloro.....	Ralph Laycock, Pres.....	Deloro.
Monteagle.....	Marmora, Cook.....	Wm. Hilton, Pres.....	Marmora.
	Greenview.....	Mrs. Edward Leveck, Sec.....	Greenview.
	Hybla.....	George A. Bartlett, Pres.....	Hybla.
Rawdon.....	*Diamond.....	Alex. Johnston.....	Stirling.
	Enterprise.....	James W. Butler, Pres.....	Sine.
	Evergreen.....	Robert Lanigan, Pres.....	Stirling.
	Harold.....	John Tanner, Pres.....	Harold.
	Maple Leaf.....	Wm. Meiklejohn, Pres.....	Big Springs.
	Plum Grove.....	Thomas Walker, Pres.....	Wellman's Corners
	Springbrook.....	Thomas J. Thompson, Pres.....	Springbrook.
	*Stirling.....	Hiram Conley, Pres.....	Stirling.
Sidney.....	Bay View.....	R. J. Graham, Sec.....	Belleville.
	Frankford.....	Joshua Anderson.....	Frankford.
	Front of Sidney.....	A. P. Meyers, Salesman.....	Trenton.
	Grove.....	A. B. Mallory, Pres.....	Frankford.
	Johnstown.....	E. Harry, Sec.....	Glen Miller.
	Shamrock.....	Oakley Vandervoort, Pres.....	Stirling.
	Sidney.....	J. R. Brower, Pres.....	Belleville.
	*Sidney Town Hall.....	S. T. Wilmott, Pres.....	Wallbridge.
	Springfield.....	W. H. Knox, Pres.....	Trenton.
Thurlow.....	Ashley.....	Harford Ashley, Sec.....	Belleville.
	Bronk.....	James Boldrick, Pres.....	Canifton.
	East Hastings.....	W. A. Chapman, Sec.....	Roslin.
	Halloway.....	P. R. Daly, Pres.....	Foxboro'.
	Thurlow.....	O. R. Weese, Pres.....	Belleville.
	Union.....	F. Brenton, Pres.....	Corbyville.
	Zion.....	Wm. Sills, Sec.....	Foxboro'.
Tyendinaga.....	Albert.....	Michael Corrigan, Pres.....	Albert.
	Gould's Cheddar.....	Peter Gould, Sec.....	Napanee.
	Melrose.....	A. J. McLaren.....	Melrose.
	Mountain.....	R. L. Lazier, Pres.....	Shannonville.
	Read.....	John D. Naphan.....	Naphan.
	Rosebud.....	Alex. Coulter, Sec.....	Myrehall.
	Shannonville.....	Wm. Clazie, Pres.....	Belleville.
Wollaston ..	Coe Hill.....	R. S. Tivy, Pres.....	Coe Hill.

CREAMERIES IN ONTARIO IN 1890.

County and Township.	Name of Creamery.	Name of Secretary or other Officer.	Post Office Address.
ESSEX :			
Mersea	*Leamington	Sloan & Bruner, Props.	Leamington.
KENT :			
Raleigh	Cedar Springs	Taylor & Williamson	Cedar Springs.
LAMBTON :			
Plympton	Wanstead	Arch. Wark	Wanstead.
HURON :			
Goderich	Goderich (Town)	John Hannah, Prop	Seaforth.
Hullett	*Londesborough	George Watt, Pres.	Londesborough.
McKillop	Seaforth (Town)	John Hannah, Prop	Seaforth.
Tuckersmith	Brucefield	Hugh McCartney	Brucefield.
BRUCE :			
Brant	*Elmwood	John Dirstine, Sec.	Elmwood.
	Walkerton (Brills)	George Balkwill, Mgr	Walkerton.
Carrick	Mildmay	John Henderson	Mildmay.
Culross	Formosa	Sebastian Gfroerer, Sec.	Formosa.
	Teeswater	S. R. Brill, Sec.	Teeswater.
Elderslie	Chesley	Isaac Wenger, Prop	Ayton.
	Dobbinton	Wm. Harris	Dobbinton.
Kinloss	Whitechurch	John J. W. Simpson	Whitechurch.
GREY :			
Derby	Rock Spring	Wm. Gladstone	Owen Sound.
Egremont	Dromore	John Philp, Sec	Dromore.
	Holstein	David Allan, Sec	Holstein.
Glenelg	Durham	A. Davidson, Sec.	Durham.
Normanby	Ayton	Isaac Wenger, Prop	Ayton.
	Saugeen Valley	John B. Ashley, Sec	Neustadt.
Sydenham	Pleasant Valley	James Struthers, Prop	Owen Sound.
MIDDLESEX :			
London	†Medway	Jas. Carmichael	Arva.
PERTH :			
Blanshard	Kirkton	John Hannah, Prop	Seaforth.
WELLINGTON :			
Guelph	Agricultural College	President of College	Guelph.
WATERLOO :			
Waterloo	*Breslau	M. Brubacher	Breslau.
Wellesley	Cross Hill	John T. Wilford, Sec	Cross Hill.
Wilmot	†Nith Valley	Henry D. Tye, Sec	Haysville.
Woolwich	St. Jacobs	Isaac Hilborn, Sec.	Elmira.
DURHAM :			
Cartwright	Cedar Grove	Robert Philp, Prop	Cadmus.
PRINCE EDWARD :			
Ameliasburg	†Sprague	John Sprague, Salesman	Ameliasburg.
	*Willow Glen	McAuley & Miller	Picton.
LEEDS AND GRENVILLE :			
Edwardsburg	Ventnor	Millar & Ferguson, Props.	Spencerville.
Yonge	Twin Elms	C. Johnson & Son, Props	Athens.
DUNDAS :			
Matilda	*Banford & Johnston	A. Steinbury	Hainsville.
	Rutherford	Richard Gibbons, Sec	Irena.
STORMONT :			
Osnabruck	†Stormont	John H. Croil	Aultsville.
GLENGARRY :			
Charlottenburg	Gore	Abrams & McLennan, Props.	Camerontown.
RUSSELL :			
Russell	*St. Onge	Mr. Dupuis	St. Onge.

† Makes both butter and cheese.

STATISTICS OF
LIVESTOCK AND DAIRY PRODUCTS.

HORSES AND HOGS.

TABLE I. Showing by County Municipalities and groups of Counties the numbers of Horses and of Hogs in Ontario in the years 1889 and 1890.

Counties.	Horses.					Hogs.			
	Working horses.	Breeding mares.	Unbroken horses.	Totals.		Over 1 year.	Under 1 year.	Totals.	
				1890.	1889.			1890.	1889.
Essex	8,079	4,405	6,570	19,054	15,744	15,283	44,298	59,581	55,724
Kent	9,784	5,214	8,062	23,060	20,033	11,597	58,908	70,505	59,422
Elgin	7,381	3,355	5,691	16,427	15,121	7,511	38,964	46,475	34,660
Norfolk	6,261	2,661	4,659	13,581	12,896	6,275	27,821	34,096	26,643
Haldimand	5,468	2,453	4,262	12,183	11,230	3,518	15,785	19,303	13,264
Welland	5,421	1,410	3,099	9,930	9,951	2,548	10,127	12,675	7,302
Totals	42,394	19,498	32,343	94,235	84,975	46,732	195,903	242,635	197,015
Lambton	8,213	3,416	6,608	18,237	15,638	5,547	23,503	29,050	17,972
Huron	12,786	7,311	11,255	31,352	29,439	7,860	35,829	43,689	30,679
Bruce	10,239	4,888	7,502	22,629	21,673	7,630	27,137	34,767	24,445
Totals	31,238	15,615	25,365	72,218	66,750	21,037	86,469	107,506	73,096
Grey	13,143	5,892	8,461	27,496	26,993	9,664	36,858	46,522	33,495
Simcoe	13,186	5,275	7,740	26,201	25,862	9,228	39,878	49,106	40,609
Totals	26,329	11,167	16,201	53,697	52,855	18,892	76,736	95,628	74,104
Middlesex	14,653	6,818	10,940	32,411	29,399	8,883	45,514	54,397	39,863
Oxford	9,839	3,583	5,696	19,118	19,480	5,764	35,049	40,813	31,021
Brant	5,331	1,668	3,155	10,154	10,438	2,619	16,005	18,624	14,108
Perth	8,947	4,745	7,044	20,736	20,410	5,496	29,740	35,236	25,364
Wellington	11,527	5,187	7,434	24,148	23,024	7,559	39,688	47,247	32,556
Waterloo	7,093	2,482	3,796	13,371	12,916	3,350	20,373	23,723	15,041
Dufferin	4,961	1,996	2,746	9,703	8,658	3,376	15,894	19,270	13,491
Totals	62,351	26,479	40,811	129,641	124,325	37,047	202,263	239,310	171,444
Lincoln	5,138	1,535	2,987	9,660	9,232	2,116	11,748	13,864	9,659
Wentworth	7,500	2,245	4,293	14,038	13,224	3,388	17,662	21,050	13,671
Halton	5,188	1,578	2,834	9,600	8,582	2,293	13,964	16,257	8,342
Peel	6,742	2,638	4,388	13,768	12,924	3,732	19,859	23,591	18,240
York	13,220	5,845	8,227	27,332	25,390	7,354	41,611	48,965	37,913
Ontario	8,891	5,140	7,602	21,633	19,089	6,274	27,096	33,370	24,756
Durham	7,722	2,855	4,705	15,282	14,802	4,479	16,582	21,061	14,035
Northumberland	9,139	2,783	5,250	17,172	17,114	4,763	17,338	22,101	16,712
Prince Edward	5,691	2,336	4,059	12,086	11,194	1,931	8,795	10,726	4,905
Totals	69,231	26,995	44,345	140,571	131,551	36,330	174,655	210,985	148,233
Lennox & Addington	5,072	2,090	3,908	11,070	9,649	2,626	8,783	11,409	7,733
Frontenac	5,660	1,599	2,824	10,083	9,065	3,178	9,284	12,462	7,732
Leeds and Grenville	11,662	2,995	5,336	19,993	19,418	8,605	21,382	29,987	18,995
Dundas	4,368	1,426	2,553	8,347	8,066	4,162	6,774	10,936	9,154
Stormont	3,511	1,555	2,661	7,727	7,473	2,928	5,131	8,059	6,765
Glenarry	4,742	2,192	3,130	10,064	9,195	3,842	6,826	10,668	7,555
Prescott	3,551	1,544	2,730	7,825	7,648	4,188	5,509	9,697	8,863
Russell	2,603	1,082	1,573	5,258	4,816	2,892	4,535	7,427	4,669
Carleton	7,475	3,166	4,202	14,843	14,257	5,455	16,025	21,480	15,791
Renfrew	6,556	2,649	4,031	13,236	11,663	8,223	11,181	19,404	15,364
Lanark	6,105	1,740	2,668	10,513	10,000	3,810	11,284	15,094	13,224
Totals	61,305	22,038	35,616	118,959	111,250	49,909	106,714	156,623	115,645
Victoria	6,165	2,936	4,557	13,658	12,565	4,444	17,659	22,103	14,352
Peterborough	5,880	1,800	2,994	10,674	10,277	6,197	14,674	20,871	13,971
Haliburton	668	294	296	1,258	1,055	792	1,713	2,505	1,434
Hastings	9,478	2,833	5,900	18,211	18,238	7,719	22,001	29,720	18,654
Totals	22,191	7,863	13,747	43,801	42,135	19,152	56,047	75,199	48,411
Muskoka	1,264	563	599	2,426	2,452	1,042	3,030	4,072	2,824
Parry Sound	841	378	396	1,615	995	750	2,201	2,951	1,686
Nipissing	316	78	66	460	.....	283	576	859	.....
Algoma	1,000	479	534	2,013	1,507	1,020	3,771	4,791	3,011
Totals	3,421	1,498	1,595	6,514	4,954	3,095	9,578	12,673	7,521
The Province	318,460	131,153	210,023	659,636	618,795	232,194	908,365	1,140,559	835,469

CATTLE.

TABLE II. Showing by County Municipalities and groups of Counties the number of Cattle in Ontario in the years 1889 and 1890.

Counties.	Working oxen.	Milch cows.		Store cattle over 2 years.	Young and other cattle.	Totals.	
		1890.	1889.			1890.	1889.
Essex	247	14,600	13,760	9,030	16,343	40,220	37,382
Kent	84	18,311	18,699	13,494	24,487	56,376	57,647
Elgin	264	18,608	18,166	9,239	20,034	48,145	47,417
Norfolk	472	14,031	15,969	3,481	11,749	29,733	33,079
Haldimand	118	12,231	12,110	4,077	11,521	27,947	28,807
Welland	312	8,739	8,890	2,804	8,350	20,205	20,069
Totals	1,497	86,520	87,594	42,125	92,484	222,626	224,401
Lambton	63	18,693	17,573	17,532	27,327	63,615	59,935
Huron	167	29,431	30,256	31,619	43,503	104,720	107,534
Bruce	681	26,566	27,748	19,897	36,257	88,401	83,467
Totals	911	74,690	75,577	69,048	107,087	251,736	250,936
Grey	996	32,465	34,308	22,367	47,510	103,338	102,179
Simcoe	563	23,816	24,811	14,075	28,983	67,437	70,348
Totals	1,559	56,281	59,119	36,442	76,493	170,775	172,527
Middlesex	98	35,864	36,396	28,292	44,310	108,564	105,039
Oxford	151	35,194	34,775	12,007	23,519	70,871	67,602
Brant	67	10,584	10,415	3,197	9,846	23,694	23,799
Perth	110	26,137	26,178	15,380	31,381	73,008	76,243
Wellington	161	24,635	26,107	16,365	33,265	74,426	79,000
Waterloo	116	13,728	14,755	4,819	14,927	33,590	36,172
Dufferin	107	9,501	9,629	7,360	13,138	30,106	30,052
Totals	810	155,643	158,255	87,420	170,386	414,259	417,907
Lincoln	135	7,506	8,620	2,738	6,588	16,967	18,913
Wentworth	78	13,679	13,534	3,138	10,556	27,451	29,532
Halton	44	10,162	9,599	4,956	9,470	24,632	25,580
Peel	69	11,558	12,538	4,900	10,000	26,527	29,172
York	78	21,971	20,973	6,988	14,120	43,157	46,765
Ontario	95	15,832	16,320	8,506	22,436	46,869	48,932
Durham	96	10,912	12,326	5,358	13,174	29,540	34,525
Northumberland	146	19,959	21,191	4,588	13,928	38,621	42,917
Prince Edward	40	10,064	8,901	1,323	6,800	18,227	16,878
Totals	781	121,643	124,002	42,495	107,072	271,991	293,214
Lennox and Addington	152	14,671	12,680	3,584	10,407	28,814	25,889
Frontenac	442	16,675	15,505	4,689	13,998	35,804	29,875
Leeds and Grenville	68	45,597	45,401	5,817	22,803	74,285	71,840
Dundas .....	.....	16,756	17,841	2,252	7,196	26,204	28,482
Storionmont .....	.....	15,824	15,471	2,539	7,653	26,016	24,086
Glengarry .....	.....	19,319	18,375	1,710	10,023	31,052	30,101
Prescott .....	.....	11,999	13,027	2,404	7,357	21,760	21,889
Russell .....	.....	7,053	5,925	2,550	6,300	15,903	12,964
Carleton	16	24,123	23,587	7,251	16,166	47,556	46,849
Renfrew	101	17,886	16,823	7,770	21,842	47,599	40,530
Lanark	19	19,587	18,553	7,071	17,809	44,485	41,533
Totals	798	209,490	203,188	47,637	141,553	399,478	374,038
Victoria	133	11,935	12,297	6,337	14,999	33,404	36,138
Peterborough	340	14,527	14,728	4,377	12,002	31,246	33,820
Haliburton	355	2,622	2,405	1,083	3,484	7,544	6,158
Hastings	1,093	33,296	33,379	6,309	19,013	59,711	56,812
Totals	1,921	62,380	62,809	18,106	49,498	131,905	132,928
Muskoka	676	4,471	4,511	1,559	5,178	11,884	12,784
Parry Sound	488	2,785	1,918	1,166	3,941	8,380	5,715
Nipissing	112	738	.....	359	811	2,020	.....
Algoma	614	3,197	2,198	1,283	4,564	9,658	7,449
Totals	1,890	11,191	8,627	4,367	14,494	31,942	25,948
The Province	10,167	777,838	779,171	347,640	759,067	1,894,712	1,891,899

SHEEP AND POULTRY.

TABLE III. Showing by County Municipalities and groups of Counties the numbers of Sheep and of Poultry in Ontario in the years 1889 and 1890.

Counties.	Sheep.				Poultry.				
	Over 1 year.	Under 1 year.	Totals.		Turkeys	Geese.	Other fowls.	Totals.	
			1890.	1889.				1890.	1889.
Essex	16,394	11,517	27,911	22,082	9,276	15,128	134,291	158,695	179,019
Kent	20,711	15,517	36,228	27,711	11,287	11,296	171,651	194,234	191,205
Elgin	22,437	17,868	40,305	32,025	13,365	6,543	156,936	176,844	169,473
Norfolk	13,325	9,820	23,145	22,182	7,717	5,013	124,009	136,739	134,151
Haldimand	15,085	10,317	25,402	22,137	8,458	5,955	109,395	123,808	112,801
Welland	11,642	8,326	19,968	19,901	6,346	6,006	90,035	102,887	92,903
Totals....	99,594	73,365	172,959	146,038	56,949	49,941	786,317	893,207	879,552
Lambton	24,863	19,549	44,412	34,042	12,728	10,391	171,801	194,920	162,255
Huron	39,052	32,377	71,429	65,570	15,855	24,088	313,165	353,108	334,126
Bruce	43,832	28,188	72,020	73,044	8,797	16,347	205,466	230,610	230,888
Totals....	107,747	80,114	187,861	172,656	37,380	50,826	690,432	778,638	727,269
Grey	61,196	41,541	102,737	104,116	14,814	24,037	266,122	304,973	293,582
Simcoe	37,355	23,046	60,401	63,831	19,184	21,551	238,732	279,467	263,704
Totals....	98,551	64,587	163,138	167,947	33,998	45,588	504,854	584,440	557,286
Middlesex	32,812	23,623	56,435	48,151	32,493	19,838	307,360	359,691	355,736
Oxford	11,303	8,295	19,598	24,717	8,012	5,470	188,874	202,356	198,031
Brant	9,566	7,925	17,781	16,710	7,187	3,660	82,923	93,770	89,124
Perth	25,817	18,290	44,107	45,630	9,574	16,588	221,007	247,169	228,859
Wellington	37,626	25,594	63,220	67,516	15,347	21,847	224,230	261,424	244,306
Waterloo	18,214	11,949	30,163	29,041	3,622	4,548	130,791	138,961	127,087
Dufferin	14,450	9,649	24,099	26,075	10,345	11,263	99,409	121,017	98,928
Totals....	180,078	105,325	285,403	287,840	86,580	83,214	1,254,594	1,424,388	1,342,071
Lincoln	7,172	6,003	13,175	15,080	5,800	4,940	77,172	87,912	73,167
Wentworth	12,044	8,472	20,516	20,261	7,799	6,224	111,895	125,918	101,967
Halton	8,566	6,475	15,031	16,495	6,444	6,680	81,071	94,195	78,216
Peel	9,011	6,053	15,064	20,697	18,459	16,101	121,830	156,890	118,213
York	19,933	11,736	31,669	34,225	19,263	16,777	204,649	240,689	218,829
Ontario	20,342	14,467	34,809	39,320	13,619	11,316	176,554	201,489	177,111
Durham	14,571	9,691	24,262	28,419	13,408	12,679	139,872	165,959	138,657
Northumberland	14,304	9,902	24,206	28,163	10,901	10,498	152,977	174,376	145,435
Prince Edward	6,037	4,311	10,348	11,815	2,084	3,007	98,112	103,203	79,135
Totals....	111,970	77,110	189,080	214,475	97,777	88,222	1,164,132	1,350,131	1,180,730
Lennox & Ad.	9,396	7,146	16,542	14,360	5,488	5,801	92,646	103,935	81,882
Frontenac	13,892	9,236	23,128	19,880	8,290	5,750	80,939	94,979	74,069
Leeds & Gren.	24,201	18,370	42,571	42,701	31,249	15,419	190,046	236,714	213,159
Dundas	5,893	4,719	10,612	11,799	6,286	5,196	94,851	106,333	111,628
Stormont	6,771	2,975	9,746	12,203	4,118	5,121	77,225	86,464	88,469
Glengarry	10,000	5,745	15,745	17,254	2,172	5,252	92,556	99,980	103,222
Prescott	8,537	5,241	13,778	17,052	7,604	2,986	64,206	74,796	63,063
Russell	6,023	3,986	10,009	7,761	4,609	3,744	39,224	47,577	41,661
Carleton	19,668	11,375	31,043	37,632	28,233	15,862	143,486	187,581	163,239
Renfrew	33,184	18,364	51,548	55,036	12,730	8,651	95,951	117,332	114,794
Lanark	27,635	14,854	42,489	40,227	14,427	14,132	110,513	139,072	115,275
Totals....	165,200	102,011	267,211	275,905	125,206	87,914	1,081,643	1,294,763	1,170,461
Victoria	16,558	11,173	27,731	27,947	9,773	9,286	113,081	132,140	131,009
Peterborough	12,083	8,185	20,268	22,360	8,263	8,996	110,592	127,851	133,204
Haliburton	2,993	1,984	4,977	4,579	830	982	14,071	15,883	11,973
Hastings	14,440	9,312	23,752	34,198	4,760	8,236	148,767	161,763	154,238
Totals....	46,074	30,654	76,728	89,084	23,626	27,500	386,511	437,637	430,424
Muskoka	5,438	4,213	9,651	9,724	1,757	2,048	28,341	32,146	30,208
Parry Sound	3,894	2,556	6,450	3,436	938	1,023	21,004	22,965	13,845
Nipissing	449	246	695	.....	497	495	6,179	7,171	.....
Algoma	6,268	4,251	10,519	7,075	2,034	1,951	25,393	29,378	22,452
Totals....	16,049	11,266	27,315	20,235	5,226	5,517	80,917	91,660	66,505
The Province.	795,263	514,432	1,339,695	1,344,180	466,742	438,722	5,949,400	6,854,864	6,304,298

WOOL.

TABLE IV. Showing by County Municipalities and groups of Counties the clip of Wool in Ontario in the years 1889 and 1890, with the yearly average for the nine years 1882-90; also the average number of pounds per fleece.

Counties.	1890.			1889.			Yearly average for the nine years 1882-90.		
	No. of fleeces.	Pounds.	lb. per fleece	No. of fleeces.	Pounds.	lb. per fleece	No. of fleeces.	Pounds.	lb. per fleece
Essex	15,401	83,898	5.45	12,874	76,729	5.96	14,486	81,111	5.60
Kent	20,447	113,515	5.55	16,682	99,091	5.94	20,631	117,099	5.68
Elgin	23,021	133,457	5.80	18,052	108,733	6.02	22,691	129,371	5.70
Norfolk	13,245	72,753	5.49	12,511	66,684	5.33	16,677	87,983	5.28
Haldimand	15,282	89,246	5.84	12,507	74,792	5.98	17,987	106,044	5.90
Welland	11,845	60,503	5.11	11,881	59,167	4.98	14,212	71,882	5.06
Totals	99,241	553,372	5.58	84,517	485,196	5.74	136,684	593,490	5.56
Lambton	24,733	145,390	5.88	19,676	118,056	6.00	25,283	147,050	5.82
Huron	39,384	233,098	5.92	39,342	226,217	5.75	48,191	273,590	5.68
Bruce	44,831	271,869	6.06	45,799	271,130	5.92	47,977	273,763	5.71
Totals	108,948	650,357	5.97	104,817	615,403	5.87	121,451	694,403	5.72
Grey	62,692	357,379	5.70	63,407	360,152	5.68	69,333	382,305	5.51
Simcoe	37,126	209,817	5.65	40,852	227,954	5.58	45,029	247,709	5.50
Totals	99,818	567,196	5.68	104,259	588,106	5.64	114,362	630,014	5.51
Middlesex	33,017	200,235	6.06	28,361	171,868	6.06	37,637	223,180	5.93
Oxford	11,435	64,603	5.65	14,212	81,577	5.74	19,761	112,608	5.70
Brant	10,074	58,103	5.77	9,592	56,593	5.90	14,083	80,453	5.71
Perth	26,128	157,185	6.02	26,420	149,273	5.65	32,295	182,147	5.64
Wellington	38,235	225,946	5.91	41,725	235,746	5.65	47,605	269,883	5.67
Waterloo	18,380	102,289	5.57	18,122	96,047	5.30	22,372	120,552	5.39
Dufferin	14,646	84,971	5.80	16,505	91,438	5.54	18,016	100,740	5.59
Totals	151,915	893,332	5.89	154,937	882,542	5.70	191,769	1,089,563	5.68
Lincoln	7,703	40,151	5.21	8,626	42,095	4.88	10,352	52,937	5.11
Wentworth	12,094	69,195	5.72	11,468	66,400	5.79	15,026	84,859	5.65
Halton	8,705	55,811	6.41	9,716	57,033	5.87	11,762	72,542	6.17
Peel	8,850	59,383	6.71	13,287	84,505	6.36	15,352	99,929	6.51
York	20,366	119,912	5.89	20,638	122,590	5.94	27,578	164,290	5.96
Ontario	20,912	126,623	6.05	23,867	144,895	6.05	27,075	165,122	6.10
Durham	15,518	91,072	5.87	17,705	102,689	5.80	20,957	121,116	5.78
Northumberland	14,371	86,203	6.00	16,785	98,696	5.88	20,603	117,810	5.72
Prince Edward	6,101	33,194	5.44	7,325	37,431	5.11	9,521	50,036	5.26
Totals	114,650	681,544	5.94	129,417	755,834	5.84	158,226	928,641	5.87
Lennox and Addington	9,594	55,228	5.76	9,277	51,395	5.54	14,925	78,522	5.26
Frontenac	14,377	78,717	5.48	12,067	65,524	5.43	18,593	93,464	5.03
Leeds and Grenville	24,596	127,943	5.20	27,030	129,744	4.80	37,063	179,936	4.85
Dundas	5,936	32,027	5.40	7,752	39,303	5.07	10,920	54,418	4.98
Stormont	6,703	36,347	5.42	8,176	44,232	5.41	9,908	51,077	5.16
Glengarry	10,100	52,089	5.16	11,974	56,517	4.72	15,499	72,428	4.67
Prescott	8,622	45,055	5.23	10,231	52,792	5.16	10,979	53,542	4.88
Russell	6,343	35,297	5.56	5,697	27,004	4.74	7,898	37,997	4.81
Carleton	19,930	104,743	5.26	24,611	129,208	5.25	28,849	145,604	5.05
Renfrew	33,748	165,218	4.90	36,214	172,741	4.77	37,081	168,063	4.53
Lanark	28,505	141,909	4.98	25,745	125,893	4.89	33,280	159,575	4.79
Totals	168,454	874,573	5.19	178,774	894,353	5.00	224,995	1,094,626	4.87
Victoria	17,378	100,247	5.77	17,942	97,784	5.45	21,677	123,171	5.54
Peterborough	12,377	64,990	5.25	13,930	73,968	5.31	16,877	88,710	5.26
Haliburton	3,065	15,239	4.97	3,118	15,871	5.09	3,368	16,036	4.76
Hastings	15,068	81,450	5.41	21,271	103,802	4.88	25,626	125,376	4.89
Totals	47,888	261,926	5.47	56,261	291,425	5.18	67,548	350,293	5.19
Muskoka	5,549	29,076	5.24	6,184	34,198	5.53	5,829	31,252	5.36
Parry Sound	4,082	22,498	5.51	2,519	15,265	6.06	2,273	13,030	5.73
Nipissing	466	2,177	4.67	.....	.....	.....	52	242	4.67
Algoma	6,475	38,649	5.97	4,245	26,574	6.26	3,446	20,460	5.94
Totals	16,572	92,400	5.58	12,948	76,037	5.87	11,600	64,984	5.60
The Province	807,486	4,574,700	5.67	825,930	4,588,896	5.56	996,635	5,446,014	5.46

FACTORY CHEESE.

TABLE V. Showing by County Municipalities and groups of Counties the quantity and value of cheese made at 664 factories in Ontario in 1890, the average dates of opening and closing, and the total number of factories reported in operation.

Counties.	Factories in operation.	Factories making returns.	Quantity of—		Gross value of cheese.	Average No. of patrons.	Milk required to make 1 lb. cheese.	Value of cheese per 100 lb.	Average date of opening.	Average date of closing.
			Milk used.	Cheese made.						
	No.	No.	lb.	lb.	\$	lb.	% c.			
Essex	1	1	549,271	50,025	4,518	90	10.98	9 03	May 12	Sep. 6
Kent	11	6	4,096,295	381,992	34,304	363	10.72	8 98	" 16	Oct. 24
Elgin	27	24	30,343,020	2,844,387	258,704	1,738	10.67	9 10	Apr. 29	Nov. 10
Norfolk	22	19	18,494,943	1,724,875	154,736	1,402	10.72	8 97	May 2	" 7
Haldimand	11	9	8,018,550	762,883	67,624	646	10.51	8 86	" 12	Oct. 30
Welland	3	1	1,425,157	132,774	11,884	92	10.73	8 95	" 12	Nov. 24
Total	75	60	62,927,236	5,896,936	531,770	4,331	10.67	9 02	" 4	" 6
Lambton	16	10	8,118,187	755,276	68,182	741	10.75	9 03	" 13	" 1
Huron	16	15	17,851,470	1,654,675	151,686	1,308	10.79	9 17	" 14	Oct. 31
Bruce	22	18	21,599,392	2,013,833	182,297	1,572	10.73	9 05	" 17	" 25
Total	54	43	47,569,049	4,423,834	402,165	3,621	10.75	9 09	" 15	" 29
Grey	11	10	8,830,548	842,803	75,002	698	10.48	8 90	" 20	" 18
Simcoe	6	5	2,237,516	212,965	19,135	206	10.51	8 99	" 23	" 13
Total	17	15	11,068,064	1,055,768	94,137	904	10.48	8 91	" 21	" 16
Middlesex	40	36	50,825,388	4,717,755	433,118	2,642	10.77	9 18	" 2	Nov. 6
Oxford	43	39	84,297,098	7,914,767	724,297	2,874	10.65	9 15	Apr. 19	" 18
Brant	8	6	6,330,352	599,022	53,145	376	10.57	8 87	" 23	" 5
Perth	26	22	34,105,543	3,162,573	294,621	1,673	10.78	9 32	May 6	" 6
Wellington	11	10	13,382,441	1,267,946	115,802	879	10.55	9 13	" 19	Oct. 30
Waterloo	5	4	4,276,516	395,201	36,765	296	10.82	9 30	" 13	Nov. 1
Dufferin	3	3	1,329,135	126,424	11,344	134	10.51	8 97	" 20	Oct. 15
Total	136	120	194,546,473	18,183,688	1,669,092	8,874	10.70	9 18	" 1	Nov. 8
Lincoln	4	3	2,103,187	195,640	17,271	225	10.78	8 83	May 14	Oct. 25
Wentworth	3	2	1,663,959	161,541	14,800	82	10.30	9 16	" 8	Nov. 3
Peel	1	1	425,348	39,400	3,500	30	10.80	8 88	" 15	Oct. 10
York	3	3	495,336	46,777	4,519	55	10.59	9 66	June 3	Sep. 21
Ontario	1	1	321,180	28,663	2,700	40	11.21	9 42	May 26	Oct. 13
Durham	6	6	3,443,940	321,896	28,761	277	10.70	8 93	" 9	" 31
Northumberland	36	32	30,181,191	2,870,487	259,142	1,505	10.51	9 03	Apr. 29	Nov. 3
Prince Edward	17	13	11,346,069	1,080,091	94,934	922	10.50	8 79	May 3	Oct. 24
Total	71	61	49,985,210	4,744,495	425,627	3,136	10.54	8 97	" 4	" 28
Lennox & Addington	21	19	26,129,718	2,531,724	232,057	1,646	10.32	9 17	" 1	Nov. 2
Frontenac	39	26	17,057,760	1,647,701	146,304	763	10.35	8 88	" 5	Oct. 27
Leeds and Grenville	107	87	86,933,075	8,269,785	741,683	3,599	10.51	8 97	Apr. 26	Nov. 2
Dundas	36	26	19,636,805	1,879,508	168,590	928	10.45	8 97	May 1	Oct. 29
Stormont	28	23	17,397,482	1,683,586	147,308	983	10.33	8 75	" 2	" 26
Glengarry	38	24	11,216,784	1,078,297	96,753	650	10.40	8 97	" 7	" 26
Prescott	32	21	10,471,157	1,025,304	90,580	646	10.21	8 83	" 6	" 25
Russell	9	7	3,150,638	306,735	27,011	204	10.27	8 81	" 16	" 15
Carleton	20	12	6,903,035	653,877	59,337	414	10.56	9 07	" 16	" 18
Renfrew	4	4	1,589,111	156,178	13,476	142	10.17	8 63	" 23	" 12
Lanark	25	23	22,168,166	2,131,628	190,137	1,299	10.40	8 92	" 7	" 23
Total	359	272	222,653,731	21,364,923	1,913,236	11,274	10.42	8 96	" 3	" 28
Victoria	10	10	6,027,252	572,093	51,663	470	10.54	9 03	" 16	" 31
Peterborough	22	19	21,692,524	2,032,660	185,869	1,062	10.67	9 14	" 3	" 30
Haliburton	6	4	909,261	89,784	7,948	78	10.13	8 85	" 15	" 31
Hastings	67	60	62,378,006	6,137,862	561,983	2,691	10.16	9 16	Apr. 28	Nov. 2
Total	105	93	91,007,043	8,832,399	807,463	4,301	10.30	9 14	May 1	" 1
The Province	817	664	679,756,806	64,502,043	5,843,490	36,441	10.54	9 06	" 4	Oct. 31
Estimated at 153 fac- tories not reported. f	.....	.....	156,630,710	14,862,670	1,346,467	8,397	.....	.....	.....	.....
Total for 817 factories.	.....	.....	836,387,516	79,364,713	7,189,957	44,838	.....	.....	.....	.....

PART III.

VALUES, RENTS AND FARM WAGES.

VALUES OF FARM PROPERTY.

The table below gives the value of farm property by county groups for the years 1889 and 1890, under the heads of land, buildings, implements and live stock, the totals for the province in each of these years, and the average for the nine years 1882-90 :

Districts.	Farm land.	Buildings.	Implements.	Live stock.	Total farm property.
	\$	\$	\$	\$	\$
Lake Erie.....	{ 1890 87,352,875	25,399,366	6,784,793	13,822,445	133,359,479
	{ 1889 87,865,147	25,039,332	6,876,644	13,457,339	133,238,462
Lake Huron.....	{ 1890 69,912,071	19,495,144	5,407,097	12,611,995	107,426,307
	{ 1889 70,696,974	18,991,619	5,503,309	12,638,402	107,830,304
Georgian Bay.....	{ 1890 48,931,045	14,392,172	4,285,087	8,784,252	76,392,556
	{ 1889 48,930,443	14,759,680	4,529,700	9,221,997	77,441,820
West Midland.....	{ 1890 131,682,712	42,095,403	10,164,923	22,666,507	206,609,545
	{ 1889 136,387,257	42,161,762	10,478,851	22,208,386	211,236,256
Lake Ontario.....	{ 1890 135,869,460	44,454,383	10,508,724	20,474,216	211,306,783
	{ 1889 138,904,264	43,340,883	10,864,907	20,798,891	213,908,945
St. Lawrence and Ottawa...	{ 1890 103,794,410	34,491,377	9,418,689	18,029,706	165,734,182
	{ 1889 104,077,562	34,727,499	9,496,358	19,099,339	167,400,758
East Midland.....	{ 1890 39,462,646	11,493,877	3,384,004	6,432,464	60,772,991
	{ 1889 40,728,431	12,237,461	3,494,646	7,309,068	63,769,606
Northern Districts.....	{ 1890 5,880,781	1,617,104	562,266	1,265,041	9,325,192
	{ 1889 4,739,355	1,206,001	441,291	997,866	7,384,513
The Province :					
1890.....	622,886,000	193,438,826	50,515,583	104,086,626	970,927,035
1889.....	632,329,433	192,464,237	51,685,706	105,731,288	982,210,664
1882-90.....	635,514,008	177,145,010	47,632,015	100,965,860	961,256,893

The total value of farm property in Ontario is \$970,927,035, which is less by \$11,283,629 than in 1889. This loss in value is divided between three of the four items of the table as follows : Farm land, \$9,443,433 ; implements, \$1,170,123, and live stock, \$1,644,662. A net increase of \$974,589 is observed in the total value of buildings, although four of the groups fail to show an improvement. Outside of the newly settled Northern Districts, the Georgian Bay is the only group that does not show an increase in the value of farm land over last year's figures, while in the matter of implements the Northern Districts alone report an advanced value. Live stock have declined in value in every group excepting the Lake Erie and West Midland and the Northern Districts. The Lake Erie group is the only one of the older districts which has an increase in the total value of farm property ; but of course the Northern Districts show a great gain. The value of the farm land of the province is about two per cent. below the average derived for the nine years, but owing to additions in the values of buildings, implements and live stock, the total farm property is about one per cent. higher than the average annual value.

VALUE PER ACRE OCCUPIED. The value per acre occupied, by classes of farm property, is shown in the following table by county groups and for the province for 1889 and 1890:

Districts.	Farm land.		Buildings.		Implements.		Live stock.		Total farm property.	
	1890.	1889.	1890.	1889.	1890.	1889.	1890.	1889.	1890.	1889.
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Lake Erie.....	37 40	37 50	10 87	10 69	2 90	2 93	5 92	5 74	57 09	56 86
Lake Huron.....	30 73	31 14	8 57	8 37	2 38	2 42	5 54	5 57	47 22	47 50
Georgian Bay.....	24 31	24 17	7 15	7 29	2 13	2 24	4 37	4 56	37 96	38 26
West Midland.....	40 52	41 96	12 95	12 97	3 13	3 22	6 97	6 83	63 57	64 98
Lake Ontario.....	44 63	45 55	14 60	14 21	3 45	3 56	6 72	6 82	69 40	70 14
St. Lawrence and Ottawa.....	19 68	19 72	6 54	6 58	1 79	1 80	3 42	3 62	31 43	31 72
East Midland.....	14 89	15 33	4 34	4 61	1 28	1 31	2 43	2 75	22 94	24 00
Northern Districts.....	3 73	3 99	1 02	1 01	0 36	0 37	0 80	0 84	5 91	6 21
The Province..	27 79	28 66	8 63	8 73	2 25	2 34	4 64	4 79	43 31	44 52

The statement for the province is very discouraging. Land has decreased in value 87 cents per acre in the year, buildings 10 cents, implements 9 cents and live stock 15, making a decline of \$1.21 per acre in the total value of farm property. The greatest relative decline in the value of all farm property occurs in the East Midland group, while an increase upon their figures of 1889 is observed in the Lake Erie counties. The Lake Ontario group shows the highest figures in the value per acre occupied of farm land, buildings and implements, but in the item of live stock it is surpassed by the West Midland district, which has made a considerable increase in the value of this class of farm property.

Calculated upon the total area occupied the values per acre of buildings, implements and live stock show a very wide range in the various groups into which the province has been divided. Their distribution is thus indicated, but if we base our averages upon the area cleared, as is done in the following table, we will find no such marked divergence, but that these improvements follow closely the advance in settlement or territory cleared:

Farm property.	Lake Erie.	Lake Huron.	Georgian Bay.	West Midland.	Lake Ontario.	St. Lawrence and Ottawa.	East Midland.	Northern Districts.	The Province.		
	1890.	1889.	1882-90.	1890.	1889.	1882-90.	1890.	1889.	1890.	1889.	1882-90.
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Buildings	18 17	14 67	13 81	18 34	19 32	14 99	13 69	10 38	16 59	16 76	16 13
Implements.....	4 85	4 12	4 11	4 43	4 13	4 09	4 03	3 61	4 33	4 50	4 34
Live stock.....	9 89	9 49	8 43	9 89	8 30	7 83	7 66	8 12	8 93	9 21	9 19
Total	32 91	28 28	26 35	32 66	32 35	26 91	25 38	22 11	29 85	30 47	29 66

It will be seen that with the exception of farm buildings the newest portion of the province, the Northern Districts, is well equipped as compared with the older counties. In the aggregate the Lake Erie, West Midland and Lake Ontario groups are bunched as leaders.

MARKET PRICES. The following table is made up from market reports of newspapers published at fourteen market centres, the figures being taken during the period when each of the various articles of farm produce comprising the table are mainly marketed. The average price is also given for a series of years :

Markets.	Fall wheat, per bushel.	Spring wheat, per bushel.	Barley, per bushel.	Oats, per bushel.	Rye, per bushel.	Pease, per bushel.	Corn (in ear), per bushel.	Buckwheat, per bushel.	Beans, per bushel.	Potatoes, per bushel.	Carrots, per bushel.	Turnips, per bushel.	Hay, per ton.	Wool, per lb.
	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	\$ c.	cts.
Belleville.....	84.8	94.3	51.0	37.7	52.4	57.3	34.0	....	....	44.7	....	....	6 38	23.0
Brantford	90.6	89.7	50.3	38.1	48.2	58.2	28.1	45.0	112.5	49.1	40.0	15.0	6 65	20.0
Brockville	97.7	97.7	49 2	42.3	51.1	65.3	....	42.5	183.7	41.5	45.0	29.8	7 40	19.0
Chatham	91.3	89.9	41.6	38.7	....	52.9	24.2	....	106.9	49.9	....	....	6 94	19.6
Cobourg	89.4	86.4	49.2	38.2	54.7	57.6	....	35.9	....	32.9	36.0	19.0	....	....
Guelph	93.3	88.2	47.5	38.3	45.1	58.0	....	....	....	36.3	....	12.9	6 90	21.3
Kingston.....	95.2	93.7	53.5	38.2	53.7	61.2	34.9	34.3	....	47.8	33.3	33.3	6 61	18.7
Lindsay	94.7	87.3	44.9	36.7	45.8	60.6	....	32.5	....	29.0	....	....	6 62	19.0
London	91.9	91.5	46.3	39.6	55.6	58.5	30.6	46.6	121.8	42.6	29.4	28.3	7 29	19.7
Ottawa	101.0	101.1	48.6	42.7	42.5	61.3	33.5	....	....	35.6	24.7	18.0	9 40	18.5
Peterborough.....	94.5	91.7	46.0	39.1	46.4	60.2	....	....	....	40.5	....	....	7 33	19.1
St Thomas	91.7	....	47.9	41.0	....	57.1	31.7	....	....	47.8	....	....	6 62	19.0
Stratford	92.7	92.7	43.0	37.7	....	59.8	....	....	....	35.4	....	....	5 49	....
Toronto	96.5	90.1	54.4	44.3	53.1	62.8	....	....	....	48.4	31.2	24.9	8 99	23.1
The Province :														
1890.....	94.2	91.3	50.2	41.1	52.7	60.3	30.5	43.0	128.5	44.3	31.5	25.6	7 95	20.5
1889.....	88.4	88.1	44.0	30.5	50.9	55.7	25.9	39.5	126.7	45.5	27.3	22.8	9 98	20.7
1888.....	102.4	99.3	60.1	40.5	60.2	65.4	29.3	49.3	113.7	31.7	26.8	20.8	16 71	20.4
1887.....	78.4	78.0	56.7	34 6	49.5	55 9	28.7	45.0	97.9	62.8	28.0	29.5	11 62	22.1
1886.....	73.6	72.5	51.3	32.0	52.2	52.6	27.6	33.7	83.7	44.9	29.5	24.6	9 69	19.1
1885.....	81.5	80.6	55.2	31.5	55.2	58.0	27.9	39.2	80.0	41.1	32.5	23.6	9 85	17.4
1884.....	80.5	81.4	53.6	33.1	59.7	64.4	....	....	....	....	....	....	....	....
1883.....	105.0	107.0	57.0	38.0	62.0	71.0	....	....	....	....	....	....	....	....
1882.....	101.0	106.0	65.0	43.0	64.0	74.0	....	....	....	....	....	....	....	....
1885-90.	85.4	84.1	52.8	35.0	53.6	58.0	28.5	41.2	107.0	43.1	29.4	24.3	10 42	19.9
1882-90.	90.7	89.1	55.0	35.9	59.1	61.3	....	....	....	....	....	....	....	....

Of the fourteen items comprising the table, potatoes, hay and wool are the only ones which fail to equal their respective averages for the preceding year. Fall and spring wheat exceed their averages for 1882-90, but barley is 4.8 cents below its figures for the nine years, although 6.2 cents higher than in 1889, when the crop was much injured for the market by discoloration. Oats are 5.2 cents above the average for the nine years, but rye has a drop of 6.4 cents compared with the same term. Pease are one cent lower than the average for 1882-90. Of the remaining crops hay is the only one which shows a decrease compared with the averages in the six years (1885-90) for which a record has been kept. This falling off in the price of hay, however, is a large one, amounting to \$2.47 per ton. The increase in yield nearly offset this reduction per acre.

VALUE OF CROPS. The value of each crop is given in the following table, based upon market prices, for each of the five years 1886-90, together with the averages for the six years 1885-90 and the nine years 1882-90. For the bracketed items no record was

kept prior to 1885, but their averages for the six years are added to those of the other items for 1882-90 so as to give the nearest approximate average for the long term :

Crops.	1890.	1889.	1888.	1887.	1886.	Average 1885-90.	Average 1882-90.
	\$	\$	\$	\$	\$	\$	\$
Fall wheat	13,439,875	11,493,648	14,162,726	11,321,439	13,300,361	13,537,141	15,745,344
Spring wheat. . . .	7,015,405	5,019,680	6,408,334	4,393,831	6,900,951	6,182,823	7,738,005
Barley	7,831,285	10,290,011	14,043,308	9,715,448	10,009,799	10,169,398	10,838,360
Oats	21,687,734	19,625,622	26,514,099	17,247,443	18,772,995	20,207,544	20,310,715
Rye.	823,883	728,725	779,772	442,969	577,573	675,799	1,031,138
Pease	9,279,756	7,524,645	9,332,490	6,804,892	8,439,004	8,250,730	8,227,182
Corn	4,273,410	2,395,283	5,108,976	2,412,164	2,982,265	3,361,491	56,642,491
Buckwheat	883,100	502,668	602,585	461,409	565,725	602,585	
Beans	978,323	471,188	607,756	270,180	403,494	521,365	
Hay.	34,232,024	37,208,564	33,570,674	35,947,748	29,016,182	33,663,153	
Potatoes	7,779,575	6,531,766	7,060,733	6,705,784	7,189,548	7,322,644	
Carrots	1,326,321	936,925	1,044,820	589,592	1,029,710	1,008,770	120,533,235
Turnips	12,042,384	8,440,847	9,909,169	9,266,970	11,577,019	10,157,483	
Totals.	121,593,075	111,169,572	129,145,492	105,579,869	110,764,626	115,665,926	

The total value of the thirteen crops comprising the table is \$121,593,075, which is \$10,423,503 more than in the previous year and \$1,059,840 more than the average of the eight years 1882-90. A great falling off is observed in the values of barley and hay compared with the preceding year, that of the former being lower in 1890 than in any other year of the table. A substantial increase is observed in the value of the remainder of the grains compared with the figures of 1889, although fall and spring wheats, rye and corn do not equal their averages for the long term. The root crops each exceed their values in any of the previous years.

CROP VALUES BY COUNTY GROUPS. The aggregate value of field crops for each of the five years 1886-90, together with the averages for two series of years, is presented in the following table by county groups and for the province :

Districts.	1890.	1889.	1888.	1887.	1886.	Average 1885-90.	Average 1882-90.
	\$	\$	\$	\$	\$	\$	\$
Lake Erie.	14,791,696	12,926,470	17,889,286	12,080,651	13,485,030	14,361,449	14,553,271
Lake Huron.	13,634,099	11,009,721	14,303,010	11,936,938	11,438,427	12,553,355	12,988,489
Georgian Bay	11,465,081	10,391,701	10,969,814	9,447,927	9,447,776	10,258,013	10,855,881
West Midland. . . .	27,655,714	22,006,961	29,217,226	22,805,391	23,691,683	25,010,326	25,954,287
Lake Ontario.	25,675,051	25,342,044	27,908,395	22,386,070	24,623,942	25,230,000	26,491,065
St. L. and Ottawa . .	18,660,552	19,928,380	20,171,732	18,975,474	19,046,820	19,389,577	20,291,539
East Midland.	7,847,766	8,089,324	7,213,525	6,459,491	7,870,811	7,421,307	7,917,920
Northern Districts . .	1,863,113	1,474,971	1,472,504	1,487,927	1,160,137	1,441,899	1,480,783
The Province.	121,593,075	111,169,572	129,145,492	105,579,869	110,764,626	115,665,926	120,533,235

A decrease is noted in the St. Lawrence and Ottawa and East Midland counties compared with their respective values in 1889, but in every other group an increase is observed, running as high as \$5,648,753 in the case of the West Midland District. Four of the groups, viz., the Lake Erie, Lake Ontario, St. Lawrence and Ottawa and East Midland,

fall below their averages for the nine years. The West Midland group regains its position as leader in the value of all field crops, the Lake Ontario counties once more falling into second place, although they are first in the average for nine years.

VALUE OF PRODUCE PER ACRE UNDER CROP. The following table gives the value per acre grown by each of the principal field crops by county groups and for the province for 1889 and 1890, together with averages for a series of six and nine years. The average value per acre of all field crops is also shown for the same periods :

Crops.	Lake Erie.	Lake Huron.	Georgian Bay.	West Midland.	Lake Ontario.	St. Lawrence and Ottawa.	East Midland.	Northern District.	The Province.			
									1890	1889	1885-90	1882-90
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Fall wheat	17 68	19 64	17 04	20 75	17 66	15 14	16 37	16 88	18 66	13 98	16 15	17 33
Spring wheat.....	12 04	14 17	12 10	15 11	10 85	10 23	11 14	13 35	11 66	12 59	11 49	13 59
Barley	10 31	12 21	12 12	13 44	10 30	9 90	9 98	10 66	11 17	11 76	13 34	14 18
Oats	9 80	11 95	12 31	12 75	11 57	10 52	11 46	11 02	11 52	10 20	11 54	12 36
Rye	7 60	9 93	8 01	8 75	7 20	8 47	8 24	9 73	7 99	8 09	8 25	9 58
Pease	9 04	12 78	13 09	11 59	11 77	12 10	13 16	13 32	11 88	10 63	11 61	12 47
Corn	20 44	17 81	16 60	19 00	17 13	19 00	15 70	11 53	19 09	12 80	17 97	
Buckwheat	9 06	6 80	7 94	8 62	9 55	10 60	10 02	10 27	9 80	8 91	9 02	
Beans	24 83	19 88	25 23	23 87	22 72	26 41	27 99	26 86	24 80	21 58	20 86	
Hay	14 58	14 22	14 23	16 45	14 49	11 52	12 62	13 71	13 90	15 59	14 44	19 69
Potatoes	35 00	46 08	64 59	51 83	42 78	51 75	50 27	64 67	49 21	44 89	48 93	
Carrots	95 93	111 55	114 80	117 94	118 47	99 76	110 24	68 90	110 74	83 20	97 36	
Turnips	85 28	112 06	108 93	105 56	118 79	93 98	91 43	88 58	108 44	75 97	94 94	
All crops :												
1890.....	14 86	16 07	16 49	18 07	15 44	12 68	13 84	16 21	15 42	.....	.....	.....
1889.....	13 63	13 59	14 46	14 93	15 24	13 75	13 93	15 71	.....	14 37	.....	.....
1885-90....	15 20	15 80	15 20	17 06	15 56	13 76	13 33	15 90	.....	.....	15 30	.....
1882-90....	15 62	16 47	16 13	17 82	16 40	14 35	14 11	16 63	.....	.....	.....	16 01

The average value of produce per acre under crop is \$15.42, which is \$1.05 more than in 1889, but 59 cents less than the average for the nine years 1882-90. The best return per acre for all crops is found in the West Midland group, being \$18.07, while the average value falls to \$13.84 in the East Midland District. The root crops, which are the most expensive to handle, of course show the highest value per acre, and beans come next. While the average value per acre of fall wheat is \$18.66, spring wheat, barley, oats and pease bunch close together at a much lower figure, the highest being \$11.88 and the lowest \$11.17 per acre. All the grain crops except fall wheat drop below their respective averages for the long term, but of the crops bracketted for the six years hay is the only crop which does not equal its average value per acre. The best values for each of the various crops are observed in the following groups : Fall wheat \$20.75, spring wheat \$15.11, barley \$13.44, oats \$12.75, and hay \$16.45, in the West Midland group ; rye \$9.93 and turnips \$112.06 in the Lake Huron group ; pease \$13.32 and potatoes \$64.67 in the Northern Districts ; corn \$20.44 in the Lake Erie group ; buckwheat \$10.60 in the St. Lawrence and Ottawa counties ; beans \$27.99 in the East Midland group, and carrots \$118.47 in the Lake Ontario District.

PER CENT. RATIOS OF VALUES PER ACRE. In the following table the values per acre for 1890 are compared with their respective averages for the nine years

1882-90 by means of per cent. ratios, each of the leading crops being shown by county groups and for the province :

Districts.	Fall Wheat.	Spring Wheat.	Barley.	Oats.	Rye.	Pease.	Corn.	Buckwheat.	Beans.	Hay.	Potatoes.	Carrots.	Turnips.	All field crops.
Lake Erie.....	108	96	76	77	85	81	107	110	122	95	94	114	105	95
Lake Huron.....	115	118	84	95	98	96	101	91	98	94	96	113	116	98
Georgian Bay.....	93	93	88	105	76	100	110	112	121	105	113	113	115	102
West Midland.....	118	116	87	94	92	89	106	113	114	103	109	116	109	101
Lake Ontario.....	99	76	72	90	83	97	105	104	107	103	94	112	120	94
St. Lawrence & Ottawa.	91	72	76	92	79	101	113	112	111	82	99	120	116	88
East Midland.....	93	86	76	103	89	113	107	111	136	104	96	114	110	98
Northern Districts.....	95	80	84	99	85	94	98	103	116	105	97	95	117	98
The Province.....	108	86	79	93	83	95	106	109	119	96	101	114	114	96

The highest percentage in the province in 1890 is given to beans and fall wheat, corn, buckwheat, potatoes, carrots and turnips also exceed the 100. Barley has the lowest per cent. ratio, only 79 being reached. Barley and rye failed to reach the annual average in any of the county groups, while turnips went over 100 in every district. In the West Midland group nine out of the thirteen items go over the standard, and in the Georgian Bay district eight go over and one equals the 100. Only four items show three figures in the Northern Districts. For all crops the Georgian Bay and West Midland groups exceed 100, and three others mark as high as 98 per cent.; the least per cent. ratio is 88, in the St. Lawrence and Ottawa group.

RENTALS OF LEASED FARMS. The appended table presents by districts the average area, value and rental of such leased farms as were reported on farmers' schedules returned to this Bureau in 1890. The rental per acre is given on the bases of land occupied and land cleared. The averages of the province are given for 1890 and for the five years 1886-90 :

Districts.	Per cent. leased.	Average area of leased farms.		Average yearly rental.	Rent per acre based on—					
		Acres occupied.	Acres cleared.		Acres occupied.			Acres cleared.		
					1890.	1889.	'86-90.	1890.	1889.	'86-90.
				\$	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Lake Erie.....	13.3	105.5	77.2	223	2 11	2 09	2 10	2 89	2 88	2 92
Lake Huron.....	11.1	112.9	86.9	212	1 88	1 79	1 91	2 44	2 51	2 63
Georgian Bay.....	12.5	112.8	82.9	179	1 59	1 60	1 56	2 16	2 26	2 23
West Midland.....	14.2	119.6	92.0	267	2 23	2 25	2 28	2 90	2 94	3 00
Lake Ontario.....	19.1	121.7	98.3	315	2 57	2 72	2 70	3 18	3 29	3 30
St. Lawrence and Ottawa.....	10.4	128.6	83.6	174	1 36	1 32	1 35	2 09	2 16	2 19
East Midland.....	10.4	138.9	85.5	209	1 51	1 61	1 57	2 45	2 57	2 55
Northern Districts.....	5.2	205.9	49.4	84	0 41	0 51	0 44	1 70	1 70	1 75
The Province :										
1890.....	12.9	120.3	87.4	238	1 98	.....	.....	2 72	.....	.....
1889.....	.....	.....	.....	.....	.....	1 96	.....	.....	2 80	.....
1886-90.....	14.1	120.3	86.5	246	.....	.....	2 03	.....	.....	2 83

The percentage of farms returned as leasehold is 12.9, being a decrease of 1.2 as compared with the average for the five years. The average number of acres occupied in a leased farm is unchanged at 120.3, but there is an increase of .9 in the acreage cleared,

which is now 87.4. The average yearly rental is \$238, being a decrease of \$8 compared with the average for the five years. The rent per acre occupied is \$1.98, being 2 cents more than in 1889, and 5 cents less than the average for the five years, but the rent per acre cleared, \$2.72, is 8 cents below the figure for the previous year and 11 cents lower than the average for 1886-90. The largest cleared area in this class of farms is seen in the Lake Ontario counties, in which group the highest rental per acre is also paid, and in both these respects the West Midland counties rank second. Neither of these groups, however, command as good a rental per acre as they did in the preceding year.

FARM LABOR AND WAGES.

A scarcity of farm laborers was reported in only a few localities in the spring, but a deficiency of first-class hands was noted, more especially of good plowmen. There was also a dearth of domestic servants in the rural sections, as the girls seem to prefer city life. The August bulletin reported the supply of farm labor about equal to the demand, and but rarely in excess of it. "Year by year the demand for outside help is gradually falling off with the more general use of binders and other labor-saving machinery, so that many farmers with their sons (if they are fortunate enough to have sons who will stay on the farm) now do the whole of the work themselves, and hardly find the work of harvest heavier than that of any other season." The crowding of the immense hay crop upon the rest of the harvest caused some scarcity in a few localities and made the work somewhat heavy for the time being, but as a general rule little difficulty has been experienced. The rate of wages has ranged from \$1 to \$1.50 by the day, and from \$15 to \$25 by the month, according to the efficiency and supply of labor. The rate was slightly lower in the eastern part of the province than elsewhere.

The November bulletin had the following:—"The situation as regards farm wages is but little changed from that of last year. The supply of labor has been on the whole adequate, except at the height of harvesting. Domestic servants are still rather scarce, urban life with its better wages and its attractive surroundings enticing the more ambitious girls from the farm. While a few correspondents express the opinion that wages are likely to fall, the bulk of the reports are to the effect that no great change need be looked for, except where influenced by local causes, such as a revival of the lumbering interest, railway building and other public improvements. Many farmers speak despondently of the situation."

WAGES OF FARM LABORERS. The following table shows the average rates of wages for farm laborers by the year and by the month, with and without board, by county groups and for the province for 1889 and 1890, together with their averages for the nine years 1882-90; also the average amounts paid domestic servants in 1889 and 1890:

Districts.	Farm laborers.												Domestics per month with board.	
	Per year—						Per month in working season.							
	With board.			Without board.			With board.			Without board.				
	1890	1889	'82-90	1890	1889	'82-90	1890.	1889.	'82-90	1890.	1889.	'82-90	1890	1889
	\$	\$	\$	\$	\$	\$	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$	\$
Lake Erie.....	154	160	159	247	249	249	16 65	17 19	17 42	25 94	25 45	26 33	6 40	6 93
Lake Huron	155	163	163	256	250	258	16 72	17 98	17 95	27 04	26 39	27 48	6 18	6 38
Georgian Bay....	156	160	160	257	253	255	16 73	17 44	17 84	26 23	26 66	27 39	5 77	6 33
West Midland....	157	161	161	251	245	251	16 54	17 20	17 56	26 24	25 31	26 70	6 36	6 76
Lake Ontario....	159	163	163	254	248	253	16 87	17 44	17 58	26 34	25 54	26 69	6 42	6 86
St. Law. & Ottawa	159	159	162	253	241	251	17 17	17 92	18 10	26 86	26 24	26 97	6 00	6 37
East Midland....	160	165	165	258	263	257	16 77	17 67	17 85	25 68	26 55	27 02	5 93	6 32
Nrth'rn Districts.	174	175	174	280	278	276	19 74	19 38	19 73	29 59	28 83	29 64	6 40	6 32
The Province..	157	162	162	253	249	253	16 88	17 59	17 72	26 56	26 01	27 04	6 23	6 61

The yearly rate with board for the province has fallen from the average of \$162 in 1889 and 1882-90 to \$157 (the average for 1888 also), but the amount without board has increased to \$253, which is \$4 more than in 1889, although exactly the same as the average of the province for the nine years. Monthly wages with board averaged \$16.88 during the working season, a falling off of 71 cents compared with the rate in the previous year, but there has been an increase of 55 cents in the average rate of wages per month without board, although the average for 1882-90 was not equalled. The average wages of domestic servants on the farm has fallen from \$6.61 in 1889 to \$6.23. Save in the St. Lawrence and Ottawa counties, where the figures tied, every group exhibited a decrease in the yearly rate with board compared with their record of 1889. The Lake Erie and East Midland groups were the only districts falling below their own figures of the previous year in the yearly rate without board. The Northern Districts alone show an increase in the rate of wages per month with board, while the Georgian Bay, West Midland and Lake Ontario groups exhibit a decrease in monthly wages without board. Excepting the Northern Districts, the fall in the rate of wages of domestic servants is general.

STATISTICS OF

VALUES, RENT AND FARM WAGES.

FARM VALUES—LAND, BUILDINGS AND IMPLEMENTS.

TABLE I. Showing by County Municipalities and groups of Counties the values of Farm Land Buildings and Implements in Ontario in 1889 and 1890.

Counties.	Farm land.		Farm buildings.		Farm implements.	
	1890.	1889.	1890.	1889.	1890.	1889.
	\$	\$	\$	\$	\$	\$
Essex	16,585,081	16,359,666	4,226,122	4,262,194	1,234,940	1,096,392
Kent	23,777,291	23,766,542	5,503,006	5,326,115	1,555,151	1,584,155
Elgin	17,489,547	17,606,191	5,005,478	4,755,988	1,207,841	1,312,551
Norfolk	11,713,740	11,941,445	4,110,525	4,121,397	1,048,016	1,069,101
Haldimand	9,358,909	9,526,805	3,451,788	3,515,166	950,757	955,267
Welland	8,428,307	8,664,498	3,102,447	3,058,472	788,088	853,178
Totals	87,352,875	87,865,147	25,399,366	25,039,332	6,784,793	6,876,644
Lambton	20,022,595	19,865,126	4,962,205	4,633,682	1,377,776	1,310,583
Huron	29,513,722	30,148,600	8,617,158	8,351,173	2,354,921	2,397,494
Bruce	20,375,754	20,683,248	5,915,781	6,006,764	1,674,400	1,795,232
Totals	69,912,071	70,696,974	19,495,144	18,991,619	5,407,097	5,503,309
Grey	22,262,173	22,238,762	7,041,914	7,105,583	2,126,990	2,222,106
Simcoe	26,668,872	26,691,681	7,350,258	7,654,097	2,158,097	2,307,594
Totals	48,931,045	48,930,443	14,392,172	14,759,680	4,285,087	4,529,700
Middlesex	34,925,968	35,459,934	10,231,305	10,276,374	2,505,058	2,485,829
Oxford	22,356,395	22,938,421	7,334,038	7,077,071	1,577,461	1,591,264
Brant	10,253,987	10,670,935	3,837,380	3,748,820	813,005	826,939
Perth	20,184,159	22,118,289	6,513,584	6,606,954	1,711,863	1,742,971
Wellington	21,120,421	21,774,648	6,859,654	7,071,961	1,679,613	1,936,157
Waterloo	13,696,727	14,409,922	4,846,400	4,773,232	1,150,671	1,186,659
Dufferin	9,145,055	9,015,108	2,473,042	2,607,350	727,252	709,032
Totals	131,682,712	136,387,257	42,095,403	42,161,762	10,164,923	10,478,851
Lincoln	8,938,290	8,885,403	3,453,792	3,519,861	741,425	832,883
Wentworth	13,625,007	13,860,384	4,695,485	4,811,264	1,104,829	1,193,717
Halton	9,989,717	9,231,520	3,445,730	3,218,964	783,141	754,617
Peel	13,878,876	14,218,973	4,549,242	4,773,029	1,041,939	1,121,742
York	31,930,300	29,915,054	9,111,861	8,187,700	2,019,768	2,140,772
Ontario	19,404,819	20,682,965	6,223,752	5,950,238	1,533,199	1,522,000
Durham	15,043,081	16,901,141	4,854,750	4,363,883	1,095,288	1,168,638
Northumberland	14,334,306	15,993,842	5,149,288	5,410,876	1,346,999	1,336,511
Prince Edward	8,725,064	9,214,982	2,970,483	3,105,068	842,136	788,027
Totals	135,869,460	135,904,264	44,454,383	43,340,883	10,508,724	10,864,937
Lennox and Addington	9,455,784	10,270,957	2,998,745	3,531,754	777,704	796,799
Frontenac	8,486,769	9,446,098	3,018,113	2,968,677	751,002	900,764
Leeds and Grenville	18,565,738	18,396,123	7,026,849	6,508,528	1,691,578	1,657,423
Dundas	7,783,443	8,573,212	2,649,191	2,915,796	690,360	694,875
Stormont	5,820,418	6,170,322	2,133,567	2,089,032	567,921	583,996
Glengarry	7,109,229	7,805,957	2,551,557	2,543,421	760,977	696,648
Prescott	7,074,698	6,651,234	1,969,640	2,033,614	591,081	621,669
Russell	4,298,201	4,180,338	1,165,330	1,443,003	448,044	344,522
Carleton	18,178,141	16,179,566	5,030,330	4,804,864	1,304,938	1,331,767
Renfrew	7,316,604	7,123,449	2,464,751	2,588,078	907,811	934,024
Lanark	9,705,385	9,280,306	3,483,304	3,300,732	927,273	933,871
Totals	103,794,410	104,077,562	34,491,377	34,727,499	9,418,689	9,496,358
Victoria	12,077,621	12,834,370	3,269,940	3,183,917	1,026,237	1,005,748
Peterborough	10,638,657	10,895,756	3,027,443	3,469,814	797,050	891,318
Haliburton	992,536	911,515	269,547	267,053	81,341	80,803
Hastings	15,753,832	16,086,790	4,926,947	5,316,672	1,479,376	1,516,777
Totals	39,462,646	40,728,431	11,493,877	12,237,461	3,384,004	3,494,646
Muskoka	2,119,171	2,018,301	623,276	609,246	195,439	216,490
Parry Sound	1,476,517	1,059,968	340,409	224,559	133,301	90,199
Nipissing	436,670	.....	104,050	.....	27,947	.....
Algoma	1,848,423	1,661,086	549,369	372,196	205,579	134,602
Totals	5,880,781	4,739,355	1,617,104	1,206,001	562,266	441,291
The Province	622,886,000	632,329,433	193,438,826	192,464,237	50,515,583	51,685,706

FARM VALUES—LIVE STOCK AND TOTAL PROPERTY—RENTALS.

TABLE II. Showing by County Municipalities and groups of Counties the values of Farm Live Stock and Total Farm property in Ontario in 1889 and 1890; also the rent per acre of leased farms as reported in 1889 and 1890.

Counties.	Farm live stock.		Total farm property.		Rent per acre on land.			
	1890.	1889.	1890.	1889.	Occupied.		Cleared.	
					1890.	1889.	1890.	1889.
	\$	\$	\$	\$	\$ c.	\$ c.	\$ c.	\$ e.
Essex	2,522,114	2,352,893	24,568,257	24,071,145	2 14	1 85	3 36	2 97
Kent	3,492,894	3,261,733	34,328,342	33,938,545	2 48	2 55	3 57	3 47
Elgin	2,856,740	2,676,418	26,559,606	26,351,148	2 27	2 14	3 11	2 89
Norfolk	1,791,306	1,940,819	18,663,587	19,072,762	1 74	1 86	2 27	2 73
Haldimand	1,763,491	1,796,454	15,524,945	15,793,692	1 75	1 80	2 23	2 30
Welland	1,395,900	1,429,022	13,714,742	14,011,170	2 08	1 94	2 57	2 45
Totals	13,822,445	13,457,339	133,359,479	133,238,462	2 11	2 09	2 89	2 88
Lambton	3,127,010	2,903,227	29,489,586	28,712,618	1 91	1 74	2 69	2 76
Huron	5,572,443	5,630,301	46,058,244	46,527,568	2 04	1 97	2 53	2 56
Bruce	3,912,542	4,104,874	31,878,477	32,590,118	1 65	1 66	2 16	2 30
Totals	12,611,995	12,638,402	107,426,307	107,830,304	1 88	1 79	2 44	2 51
Grey	4,796,716	4,903,497	36,227,793	36,469,948	1 34	1 27	1 89	1 89
Simcoe	3,987,536	4,318,500	40,164,763	40,971,872	2 01	1 88	2 58	2 58
Totals	8,784,252	9,221,997	76,392,556	77,441,820	1 59	1 60	2 16	2 26
Middlesex	6,015,884	5,547,893	53,678,215	53,770,030	2 61	2 56	3 31	3 30
Oxford	3,802,970	3,548,079	35,070,864	35,154,835	2 56	2 67	3 32	3 30
Brant	1,579,562	1,598,778	16,483,934	16,845,472	2 45	2 70	3 06	3 28
Perth	3,744,405	3,821,420	32,154,011	34,289,634	2 12	2 34	2 58	2 97
Wellington	3,896,118	4,078,722	33,555,806	34,861,488	1 94	2 05	2 48	2 58
Waterloo	2,085,930	2,093,426	21,779,728	22,463,239	2 23	2 19	2 89	2 74
Dufferin	1,541,638	1,520,068	13,886,987	13,851,558	1 50	1 43	2 28	2 10
Totals	22,666,507	22,208,386	206,609,545	211,236,256	2 23	2 25	2 90	2 94
Lincoln	1,291,989	1,383,222	14,425,496	14,621,369	2 16	2 39	2 66	2 88
Wentworth	2,066,779	2,055,322	21,492,100	21,926,687	2 73	2 69	3 62	3 39
Halton	1,574,947	1,434,442	15,793,535	14,639,543	2 34	2 32	2 98	3 01
Peel	1,952,499	2,145,357	21,422,556	22,259,101	2 62	2 82	3 10	3 44
York	4,251,109	4,103,439	47,313,038	44,346,965	3 15	3 03	3 96	3 63
Ontario	3,446,651	3,384,931	30,608,421	31,540,134	2 86	2 78	3 55	3 39
Durham	2,222,885	2,328,347	23,216,004	24,762,009	2 61	2 98	3 22	3 53
Northumberland	2,302,157	2,543,224	23,132,750	25,284,453	1 87	2 09	2 24	2 56
Prince Edward	1,365,200	1,420,607	13,902,883	14,528,684	1 91	2 34	2 46	2 95
Totals	20,474,216	20,798,891	211,306,783	213,908,945	2 57	2 72	3 18	3 29
Lennox and Addington	1,415,328	1,678,187	14,647,561	16,277,697	1 40	1 33	2 23	2 12
Frontenac	1,556,158	1,764,648	13,812,042	15,080,187	1 46	1 24	1 97	1 97
Leeds and Grenville	3,274,861	3,383,691	30,559,026	29,945,765	1 24	1 27	1 92	2 18
Dundas	1,170,348	1,337,545	12,293,342	13,521,428	1 75	1 81	2 46	2 60
Stormont	1,069,731	1,154,348	9,591,637	9,997,698	1 46	1 43	2 40	2 03
Glengarry	1,313,884	1,467,639	11,735,647	12,513,665	1 27	1 37	1 95	2 42
Prescott	1,089,364	1,147,800	10,724,783	10,454,317	1 64	1 49	2 08	2 20
Russell	771,052	705,147	6,682,627	6,673,010	1 69	1 20	2 31	2 01
Carleton	2,460,954	2,516,289	26,974,363	24,832,486	1 54	2 09	2 58	2 82
Renfrew	2,108,768	2,026,273	12,797,934	12,671,824	0 82	0 78	1 90	1 74
Lanark	1,799,258	1,917,772	15,915,220	15,432,681	0 69	0 93	1 12	1 45
Totals	18,029,706	19,099,339	165,734,182	167,400,758	1 36	1 32	2 09	2 16
Victoria	1,924,849	2,097,424	18,298,647	19,121,459	1 71	1 88	2 72	2 78
Peterborough	1,561,176	1,707,348	16,024,326	16,964,236	1 50	1 39	2 27	2 25
Haliburton	243,032	208,436	1,586,456	1,467,812	0 40	0 30	1 46	1 53
Hastings	2,703,407	3,295,860	24,863,562	26,216,099	1 72	1 75	2 51	2 60
Totals	6,432,464	7,309,068	60,772,991	63,769,606	1 51	1 61	2 45	2 57
Muskoka	457,215	468,283	3,395,101	3,312,320	0 36	0 30	1 59	1 51
Parry Sound	323,189	214,402	2,273,416	1,589,128	0 38	0 47	1 67	1 75
Nipissing	77,892		646,559		0 55		2 16	
Algoma	406,745	315,181	3,010,116	2,483,065	0 45	0 81	1 58	1 85
Totals	1,265,041	997,866	9,325,192	7,384,513	0 41	0 51	1 70	1 70
The Province	104,086,626	105,731,288	970,927,035	982,210,664	1 98	1 96	2 72	2 80

FARM VALUES—AVERAGE PER ACRE.

TABLE III. Showing by County Municipalities and groups of Counties the average value per acre occupied of Farm Land, Buildings, Implements and Live Stock in Ontario for the years 1889 and 1890.

Counties.	Lands.		Buildings.		Implements.		Live Stock.		Total Property.	
	1890.	1889.	1890.	1889.	1890.	1889.	1890.	1889.	1890.	1889.
		\$ c.		\$ c.		\$ c.		\$ c.		\$ c.
Essex	38 56	37 99	9 82	9 90	2 37	2 55	5 86	5 46	57 11	55 90
Kent	42 19	41 69	9 76	9 34	2 76	2 78	6 20	5 72	60 91	59 53
Elgin	39 97	40 38	11 44	10 91	2 76	3 01	6 53	6 14	60 70	60 44
Norfolk	29 49	30 11	10 35	10 39	2 64	2 70	4 51	4 89	46 99	48 09
Haldimand	33 40	33 89	12 32	12 51	3 39	3 40	6 30	6 39	55 41	56 19
Welland	37 11	37 85	13 66	13 36	3 47	3 75	6 14	6 24	60 38	61 20
Group	37 40	37 50	10 87	10 69	2 90	2 93	5 92	5 74	57 09	56 86
Lambton	30 35	30 05	7 52	7 01	2 09	1 98	4 74	4 39	44 70	43 43
Huron	36 94	37 71	10 79	10 45	2 95	3 00	6 97	7 04	57 65	58 20
Bruce	25 05	25 55	7 27	7 42	2 06	2 22	4 81	5 07	39 19	40 26
Group	30 73	31 14	8 57	8 37	2 38	2 41	5 54	5 57	47 22	47 50
Grey	21 02	21 00	6 65	6 71	2 01	2 10	4 53	4 63	34 21	34 44
Simcoe	27 97	27 65	7 71	7 93	2 26	2 39	4 18	4 47	42 12	42 44
Group	24 31	24 17	7 15	7 29	2 13	2 24	4 37	4 56	37 96	38 26
Middlesex	46 15	46 77	13 52	13 55	3 31	3 28	7 95	7 32	70 93	70 92
Oxford	47 41	48 57	15 55	14 99	3 35	3 37	8 06	7 51	74 37	74 44
Brant	47 46	49 54	17 76	17 40	3 77	3 84	7 31	7 42	76 30	78 20
Perth	38 98	42 68	12 58	12 75	3 30	3 36	7 23	7 38	62 09	66 17
Wellington	33 66	34 74	10 93	11 28	2 68	3 09	6 21	6 51	53 48	55 62
Waterloo	44 75	47 07	15 84	15 59	3 76	3 87	6 82	6 84	71 17	73 37
Dufferin	25 79	25 50	6 98	7 37	2 05	2 00	4 35	4 30	39 17	39 17
Group	40 52	41 96	12 95	12 97	3 13	3 22	6 97	6 83	63 57	64 98
Lincoln	46 66	46 64	18 03	18 48	3 87	4 37	6 74	7 26	75 30	76 75
Wentworth	49 83	50 83	17 17	17 65	4 04	4 40	7 56	7 54	78 60	80 42
Halton	44 65	41 14	15 40	14 35	3 50	3 36	7 04	6 39	70 59	65 24
Peel	48 16	49 43	15 78	16 59	3 62	3 90	6 77	7 46	74 33	77 38
York	59 73	55 70	17 04	15 24	3 78	3 99	7 95	7 64	88 50	82 57
Ontario	38 91	41 30	12 48	11 88	3 07	3 04	6 91	6 75	61 37	62 97
Durham	40 80	45 89	13 16	11 85	2 97	3 17	6 03	6 32	62 96	67 23
Northumberland	33 04	36 63	11 87	12 39	3 10	3 06	5 31	5 82	53 32	57 90
Prince Edward	37 67	39 82	12 82	13 42	3 64	3 41	5 89	6 14	60 02	62 79
Group	44 63	45 55	14 60	14 21	3 45	3 56	6 72	6 82	69 40	70 14
Lennox and Addington	22 79	24 88	7 23	8 55	1 88	1 93	3 41	4 07	35 31	39 43
Frontenac	12 51	13 92	4 45	4 37	1 11	1 33	2 29	2 60	20 36	22 22
Leeds and Grenville	25 07	24 72	9 49	8 75	2 28	2 23	4 42	4 55	41 26	40 25
Dundas	32 83	36 22	11 18	12 32	2 91	2 93	4 94	5 65	51 86	57 12
Storment	23 14	24 95	8 48	8 45	2 26	2 36	4 25	4 67	38 13	40 43
Glenagarry	24 74	27 04	8 88	8 81	2 65	2 41	4 57	5 09	40 84	43 35
Prescott	24 78	23 28	6 90	7 12	2 07	2 18	3 81	4 02	37 56	36 60
Russell	17 02	16 63	4 61	5 74	1 78	1 37	3 05	2 81	26 46	26 55
Carleton	32 36	28 75	8 95	8 54	2 32	2 37	4 38	4 47	48 01	44 13
Renfrew	8 18	7 91	2 76	2 87	1 01	1 04	2 36	2 25	14 31	14 07
Lanark	14 50	13 88	5 20	4 94	1 39	1 40	2 69	2 87	23 78	23 09
Group	19 68	19 72	6 54	6 58	1 79	1 80	3 42	3 62	31 43	31 72
Victoria	21 16	22 59	5 73	5 60	1 80	1 77	3 37	3 69	32 06	33 65
Peterborough	19 66	19 94	5 60	6 35	1 47	1 63	2 89	3 12	29 62	31 34
Haliburton	1 77	1 64	0 48	0 48	0 14	0 14	0 43	0 37	2 82	2 63
Hastings	16 15	16 33	5 05	5 40	1 52	1 54	2 77	3 35	25 49	26 62
Group	14 89	15 33	4 34	4 61	1 28	1 31	2 48	2 75	22 94	24 00
Muskoka	4 11	3 92	1 21	1 18	0 38	0 42	0 89	0 91	6 59	6 43
Parry Sound	3 24	3 09	0 75	0 66	0 29	0 26	0 71	0 63	4 99	4 64
Nipissing	3 05	.....	0 73	.....	0 19	.....	0 54	.....	4 51	.....
Algoma	4 22	5 00	1 25	1 12	0 47	0 41	0 93	0 95	6 87	7 48
Group	3 73	3 99	1 02	1 01	0 36	0 37	0 80	0 84	5 91	6 21
The Province	27 79	28 66	8 63	8 73	2 25	2 34	4 64	4 79	43 31	44 52

MARKET PRICES.

TABLE IV. Showing the average price of Agricultural Products at the leading markets of Ontario for July-December, 1890, and the average for the half year, and for the Province.

Products.	Belleville.	Brantford.	Brockville.	Chatham.	Cobourg.	Guelph.	Kingston.	Lindsay.	London.	Ottawa.	Peterborough.	St. Thomas.	Stratford.	Toronto.	The Province.
FALL WHEAT : per bush.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
July	75.0	91.2	100.0	88.4	95.0	96.9	92.5	94.5	102.7	93.1	93.5	95.0	98.1	95.6	95.6
August	80.8	88.0	100.0	93.0	94.8	100.1	92.5	93.3	105.0	93.0	92.7	93.8	96.8	94.8	94.8
September	80.8	94.0	100.0	94.0	94.8	93.9	95.0	94.0	100.0	98.8	96.5	92.8	99.0	96.0	96.0
October	81.3	89.4	97.0	90.6	91.0	93.0	94.9	97.0	102.5	95.4	92.3	95.5	94.7	93.3	93.3
November	95.5	92.0	95.0	92.5	91.0	92.3	92.5	97.5	91.9	97.5	95.7	91.6	93.3	94.3	94.3
December	95.5	89.4	95.0	88.8	87.5	90.0	92.3	93.8	88.1	95.9	90.0	88.4	88.4	94.0	91.5
Average.....	84.8	90.6	97.7	91.3	89.4	93.3	95.2	94.7	91.9	101.0	94.5	91.7	92.7	96.5	94.2
SPRING WHEAT : per bush.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
July	95.8	91.5	100.0	88.4	90.0	95.1	87.0	93.3	102.7	89.9	95.0	92.6	93.4	93.4	93.4
August	93.8	86.6	100.0	89.6	89.6	99.3	87.6	93.4	105.0	91.6	93.8	89.3	92.0	92.0	92.0
September	92.5	91.8	100.0	91.3	89.1	94.4	90.0	94.0	100.0	95.5	92.8	90.6	92.4	92.4	92.4
October	91.7	88.3	97.0	88.3	90.0	88.0	88.6	89.4	102.5	92.9	92.5	89.2	90.4	90.4	90.4
November	96.5	92.0	95.0	91.8	87.4	87.3	91.7	89.0	91.3	97.5	92.9	93.3	93.3	92.4	92.4
December	96.5	89.3	95.0	87.8	84.6	85.0	90.1	81.5	88.0	96.9	86.2	88.1	86.3	87.9	87.9
Average.....	94.3	89.7	97.7	89.9	86.4	88.2	93.7	87.3	91.5	101.1	91.7	92.7	90.1	91.3	91.3
BARLEY: per bush.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
July	40.0	44.7	49.3	39.9	37.5	43.5	37.5	42.0	46.8	37.0	47.5	40.3	50.1	45.3	45.3
August	43.1	45.5	51.0	39.6	41.3	50.8	37.5	44.9	47.5	38.5	47.5	40.9	50.2	46.9	46.9
September	52.5	54.2	51.0	47.5	53.4	59.9	46.7	47.8	45.0	46.5	47.5	41.3	61.0	54.5	54.5
October	55.0	50.7	48.9	40.8	55.0	52.4	58.4	46.0	43.5	47.5	50.7	47.5	43.0	57.7	51.7
November	56.5	54.1	47.5	40.3	50.5	53.0	54.8	50.0	47.8	51.7	47.4	48.1	49.8	56.7	52.1
December	56.5	53.7	47.5	39.7	46.5	49.0	50.3	50.0	51.8	53.1	48.2	48.3	43.8	50.8	50.4
Average.....	51.0	50.3	49.2	41.6	49.2	47.5	53.5	44.9	46.3	48.6	46.0	47.9	43.0	54.4	50.2
OATS : per bush.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
July	40.2	38.4	42.0	40.7	38.0	38.1	37.0	40.8	45.6	37.8	45.0	39.9	44.6	42.0	42.0
August	37.4	40.0	43.5	40.6	40.4	41.6	39.6	41.4	47.9	40.8	44.5	39.9	46.2	43.4	43.4
September	38.5	34.9	38.5	35.8	38.5	35.6	34.5	38.6	39.1	37.0	42.5	33.9	43.0	39.6	39.6
October	37.7	35.5	42.3	38.3	39.0	36.5	36.5	36.0	36.3	38.6	38.2	42.5	35.0	40.3	40.3
November	36.2	39.9	43.8	39.1	37.3	36.5	37.3	35.8	40.5	39.7	39.5	39.4	38.0	44.2	41.0
December	36.5	40.6	43.5	38.5	39.0	40.8	39.8	36.8	39.6	41.9	42.0	37.8	39.5	45.3	41.7
Average.....	37.7	38.1	42.3	38.7	38.2	38.3	38.2	36.7	39.6	42.7	39.1	41.0	37.7	44.3	41.1
RYE: per bush.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
July	42.5	45.0	50.0	43.1	43.1	45.0	39.0	56.0	42.5	40.0	47.8	49.2	49.2	49.2	49.2
August	44.4	50.0	50.0	42.0	42.0	53.0	40.0	56.0	46.8	46.8	53.7	50.1	50.1	50.1	50.1
September	51.8	45.0	50.0	42.5	42.5	50.8	42.5	57.3	41.0	41.0	57.3	52.0	52.0	52.0	52.0
October	54.0	53.0	51.5	55.0	42.5	57.3	45.0	55.1	46.8	46.8	53.7	52.6	52.6	52.6	52.6
November	60.0	52.5	52.5	54.3	49.6	57.6	55.0	53.7	54.0	54.0	56.9	55.1	55.1	55.1	55.1
December	60.0	52.5	52.5	55.0	52.0	56.5	55.0	55.6	54.4	54.4	57.4	56.2	56.2	56.2	56.2
Average.....	52.4	48.2	51.1	54.7	45.1	53.7	45.8	55.6	42.5	46.4	53.1	52.7	52.7	52.7	52.7
PEASE: per bush.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
July	56.0	55.3	71.7	57.5	56.6	60.4	61.5	56.4	61.3	59.6	57.5	61.3	59.4	58.8	58.8
August	56.8	56.8	70.0	50.6	56.0	63.7	61.5	55.7	62.5	59.5	54.2	60.9	61.8	59.1	59.1
September	57.5	60.8	70.0	52.5	60.5	60.3	62.0	60.4	60.0	60.0	52.5	59.0	65.2	62.0	62.0
October	59.0	58.3	62.5	51.7	59.0	61.3	62.5	59.2	61.3	59.7	57.5	57.8	62.4	60.3	60.3
November	57.5	58.8	57.5	53.3	57.4	61.0	55.0	58.5	62.5	60.0	59.4	59.6	64.3	60.4	60.4
December	57.5	59.4	62.5	54.2	57.5	60.9	55.0	60.9	60.0	62.4	60.0	60.3	62.5	60.7	60.7
Average.....	57.3	58.2	65.3	52.9	57.6	61.2	60.6	58.5	61.3	60.2	57.1	59.8	62.8	60.3	60.3

TABLE IV. MARKET PRICES.—Continued.

Products.	Belleville.	Brantford.	Brockville.	Chatham.	Cobourg.	Guelph.	Kingston.	Lindsay.	London.	Ottawa.	Peterborough.	St. Thomas.	Stratford.	Toronto.	The Province.
CORN: (in ear)	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
per bush.															
October	34.0	27.8	.....	24.4	.....	.....	33.2	.....	31.3	33.1	.....	32.5	.....	.....	30.7
November .....	.....	28.3	.....	24.1	.....	.....	35.0	.....	29.5	33.8	.....	31.6	.....	.....	29.8
December .....	.....	28.3	.....	24.2	.....	.....	35.9	.....	31.0	33.5	.....	31.3	.....	.....	31.0
Average	34.0	28.1	.....	24.2	.....	.....	34.9	.....	30.6	33.5	.....	31.7	.....	.....	30.5
BUCKWHEAT:															
per bush.															
October .....	.....	45.0	44.5	.....	35.0	.....	25.3	35.0	46.1	.....	.....	.....	.....	.....	42.2
November .....	.....	.....	40.0	.....	35.5	.....	40.0	30.0	45.4	.....	.....	.....	.....	.....	42.8
December .....	.....	.....	42.5	.....	36.5	.....	38.2	30.0	48.1	.....	.....	.....	.....	.....	43.8
Average .....	.....	45.0	42.5	.....	35.9	.....	34.3	32.5	46.6	.....	.....	.....	.....	.....	43.0
BEANS: per bush.															
October .....	.....	112.5	175.0	111.7	.....	.....	.....	.....	127.0	.....	.....	.....	.....	.....	132.4
November .....	.....	.....	175.0	105.0	.....	.....	.....	.....	122.5	.....	.....	.....	.....	.....	126.9
December .....	.....	.....	203.1	103.8	.....	.....	.....	.....	116.6	.....	.....	.....	.....	.....	126.3
Average .....	.....	112.5	183.7	106.9	.....	.....	.....	.....	121.8	.....	.....	.....	.....	.....	128.5
POTATOES:															
per bush.															
October	48.3	50.7	39.3	51.2	.....	35.3	48.3	29.5	46.7	32.9	42.0	50.0	34.7	45.1	43.8
November	43.3	47.2	40.6	47.5	32.5	35.0	45.6	27.5	41.4	34.1	36.8	47.6	35.0	44.9	41.9
December	43.3	48.0	45.0	51.8	33.3	38.8	48.7	30.0	40.1	40.6	.....	47.3	36.6	54.7	47.0
Average	44.7	49.1	41.5	49.9	32.9	36.3	47.8	29.0	42.6	35.6	40.5	47.8	35.4	48.4	44.3
CARROTS:															
per bush.															
October .....	.....	40.0	45.0	.....	30.0	.....	33.3	.....	35.0	.....	.....	.....	.....	28.8	33.1
November .....	.....	.....	45.0	.....	37.5	.....	33.3	.....	27.5	24.5	.....	.....	.....	33.7	32.0
December .....	.....	.....	45.0	.....	.....	.....	33.3	.....	26.3	25.0	.....	.....	.....	30.9	30.1
Average .....	.....	40.0	45.0	.....	36.0	.....	33.3	.....	29.4	24.7	.....	.....	.....	31.2	31.5
TURNIPS:															
per bush.															
October .....	.....	15.0	32.5	.....	20.0	17.5	33.3	.....	25.0	.....	.....	.....	.....	27.7	26.7
November .....	.....	.....	28.8	.....	18.8	11.1	33.3	.....	25.0	17.8	.....	.....	.....	24.5	24.0
December .....	.....	.....	27.5	.....	.....	9.0	33.3	.....	34.2	18.3	.....	.....	.....	22.6	26.0
Average .....	.....	15.0	29.8	.....	19.0	12.9	33.3	.....	28.3	18.0	.....	.....	.....	24.9	25.6
WOOL: per lb.															
July .....	.....	19.8	19.0	19.5	.....	21.3	19.0	19.0	21.3	17.9	20.0	19.0	.....	23.0	20.6
August .....	.....	20.2	19.0	19.7	.....	21.3	19.0	15.0	21.0	18.3	.....	.....	.....	23.6	21.0
September .....	.....	20.0	19.0	20.0	.....	21.3	19.0	19.0	19.0	19.0	19.0	.....	.....	23.1	20.4
October	19.0	19.4	19.0	19.0	.....	21.3	19.0	19.0	19.5	19.0	19.0	.....	.....	22.9	20.5
November	23.5	20.7	19.0	20.5	.....	21.3	18.4	19.0	18.5	19.0	19.0	.....	.....	23.0	20.5
December	23.5	20.2	19.0	19.5	.....	21.3	17.8	19.0	18.0	18.6	.....	.....	.....	23.1	20.1
Average	23.0	20.0	19.0	19.6	.....	21.3	18.7	19.0	19.7	18.5	19.1	19.0	.....	23.1	20.5
HAY: per ton.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
July	6 75	6 81	8 50	7 75	.....	6 60	8 25	7 25	7 46	10 80	.....	7 00	6 40	9 93	8 69
August	6 33	6 46	7 13	6 75	.....	6 50	8 38	6 50	7 53	8 91	.....	6 50	5 50	8 78	7 88
September	6 50	6 55	7 50	7 00	.....	7 00	6 92	6 50	7 47	8 67	8 00	6 50	5 25	9 00	7 96
October	6 75	7 10	7 50	7 00	.....	7 50	7 00	6 50	7 40	9 21	7 40	6 50	4 85	9 08	8 06
November	6 00	6 25	7 50	6 67	.....	7 25	6 67	6 50	7 39	9 14	6 50	6 63	5 38	9 96	7 90
December	6 00	6 31	6 50	.....	.....	6 50	5 50	6 50	6 56	9 00	.....	6 65	5 50	8 17	7 21
Average	6 38	6 65	7 40	6 94	.....	6 90	6 61	6 62	7 29	9 40	7 33	6 62	5 49	8 99	7 95

VALUES—FALL AND SPRING WHEAT.

TABLE V. Showing by County Municipalities and groups of Counties the value at market prices of the total crop of Fall and Spring Wheat in Ontario in the years 1889 and 1890, with the yearly average for the nine years 1882-90.

Counties.	Fall wheat.			Spring wheat.		
	1890.	1889.	1882-90.	1890.	1889.	1882-90.
	\$	\$	\$	\$	\$	\$
Essex	403,403	406,676	543,923	35,299	7,896	21,724
Kent	909,200	742,660	1,026,539	133,731	33,133	47,132
Elgin	788,128	556,239	756,994	21,371	6,532	21,458
Norfolk	581,870	407,017	520,783	9,619	5,311	9,991
Halifax	417,047	425,283	463,285	73,970	20,357	38,128
Welland	325,292	251,341	314,515	9,331	2,364	16,778
Totals	3,424,940	2,789,215	3,626,039	283,621	75,593	155,211
Lambton	514,298	539,359	581,166	97,855	20,083	78,190
Huron	932,124	639,448	1,133,720	139,578	25,795	193,491
Bruce	670,253	422,891	806,228	191,067	85,462	163,968
Totals	2,116,675	1,601,698	2,521,114	428,500	131,340	435,649
Grey	314,543	294,444	472,523	409,628	252,528	513,564
Simcoe	822,005	887,419	997,260	443,186	397,429	470,791
Totals	1,136,548	1,181,863	1,469,783	852,814	649,957	984,355
Middlesex	1,286,618	777,286	1,265,064	77,964	16,284	131,092
Oxford	754,238	515,250	684,479	107,328	22,158	125,857
Brant	441,436	303,205	473,888	24,117	733	14,678
Perth	600,339	467,593	761,198	157,273	28,079	157,069
Wellington	217,741	224,018	441,993	334,649	108,509	263,164
Waterloo	656,169	539,738	713,160	43,393	5,089	62,780
Dufferin	83,905	59,169	171,126	344,303	194,959	266,927
Totals	4,040,446	2,886,259	4,510,908	1,089,027	375,811	1,021,567
Lincoln	299,796	296,914	336,296	31,952	10,405	27,186
Wentworth	382,651	324,450	484,510	67,043	10,308	34,829
Halton	245,433	400,640	363,205	111,127	37,594	52,688
Peel	271,964	383,016	472,479	313,881	123,578	198,668
York	484,239	564,785	699,954	390,419	282,073	396,414
Ontario	82,937	83,038	181,647	491,682	600,793	705,614
Durham	87,512	75,287	68,014	346,262	343,816	533,250
Northumberland	247,378	209,572	206,893	288,022	179,484	341,905
Prince Edward	72,473	37,055	36,595	81,078	34,703	78,859
Totals	2,174,333	2,374,757	2,849,593	2,121,466	1,622,754	2,369,413
Lennox and Addington	47,447	43,790	34,362	61,219	31,271	76,503
Frontenac	10,256	13,478	28,150	90,094	81,218	114,146
Leeds and Grenville	38,258	60,307	82,023	116,733	108,721	180,664
Dundas	4,027	6,398	17,985	51,437	45,327	74,371
Stormont	1,436	2,184	10,339	51,317	51,286	70,254
Glengarry	766	1,655	8,434	83,650	91,597	111,609
Prescott	509	.....	836	111,669	71,723	113,067
Russell	558	3,748	3,524	44,191	42,481	59,354
Carleton	14,072	5,902	20,826	245,839	308,226	324,921
Renfrew	7,481	4,464	15,650	297,391	404,836	358,356
Lanark	25,839	62,596	54,075	131,711	137,422	187,155
Totals	150,649	204,522	276,204	1,285,251	1,374,128	1,670,400
Victoria	40,716	67,723	140,408	417,837	321,422	432,530
Peterborough	125,140	141,962	178,693	306,286	245,963	305,898
Haliburton	3,472	2,845	1,928	19,483	17,971	15,691
Hastings	211,644	233,593	160,785	111,778	103,829	201,156
Totals	380,972	446,123	481,814	855,384	689,185	955,275
Muskoka	452	1,640	1,012	15,110	10,616	18,354
Parry Sound	1,849	398	702	12,001	6,567	19,974
Nipissing	260	.....	29	3,395	.....	377
Algoma	12,701	7,173	8,146	68,836	83,729	107,430
Totals	15,262	9,211	9,889	99,342	100,912	146,135
The Province	13,439,875	11,493,648	15,745,344	7,015,405	5,019,680	7,738,005

VALUES—BARLEY AND OATS.

TABLE VI. Showing by County Municipalities and groups of Counties the value at market prices of the total crop of Barley and Oats in Ontario in the years 1889 and 1890, with the yearly average for the nine years 1882-90.

Counties.	Barley.			Oats.		
	1890.	1889.	1882-90.	1890.	1889.	1882-90.
	\$	\$	\$	\$	\$	\$
Essex	89,163	45,480	46,301	431,053	353,601	413,531
Kent	105,287	111,091	99,603	413,251	425,705	465,432
Elgin	95,834	50,072	70,743	364,447	359,753	438,519
Norfolk	65,402	61,844	87,172	247,459	217,625	305,660
Haldimand	99,873	126,548	175,563	207,904	243,416	263,685
Welland	29,614	29,532	48,436	156,549	204,537	218,011
Totals	485,173	424,567	527,818	1,820,663	1,804,637	2,109,838
Lambton	181,047	171,339	211,650	552,445	458,485	521,780
Huron	411,322	379,110	419,953	1,213,459	974,191	1,030,457
Bruce	217,784	212,832	272,921	908,722	591,517	712,101
Totals	810,153	763,281	904,524	2,674,626	2,024,193	2,264,338
Grey	198,940	194,975	306,632	1,244,559	1,039,745	1,011,762
Simcoe	362,904	480,549	438,940	942,316	879,850	781,930
Totals	561,844	675,524	745,572	2,186,875	1,919,595	1,793,692
Middlesex	218,332	177,871	225,161	1,036,743	937,841	997,628
Oxford	227,532	228,622	281,348	711,492	699,433	727,303
Brant	271,144	315,010	281,713	241,502	204,789	237,472
Perth	258,164	237,910	288,605	1,001,314	825,606	834,172
Wellington	467,966	580,939	552,434	1,219,876	1,079,374	950,226
Waterloo	310,757	302,261	285,574	540,964	461,573	482,457
Dufferin	156,900	152,341	166,639	434,450	363,962	362,816
Totals	1,910,795	1,994,954	2,081,474	5,186,341	4,572,578	4,592,074
Lincoln	50,961	51,418	60,580	172,128	163,019	210,834
Wentworth	168,477	191,893	201,026	322,939	289,543	374,700
Halton	144,793	213,498	233,051	257,352	254,791	245,933
Peel	434,507	588,113	538,021	454,503	436,446	397,206
York	561,135	948,234	904,124	999,997	888,404	911,346
Ontario	360,136	645,144	603,028	681,864	744,749	671,608
Durham	326,354	674,200	737,231	385,655	406,177	426,865
Northumberland	288,091	513,980	552,858	357,541	315,024	320,050
Prince Edward	310,302	468,010	454,278	155,414	122,294	134,422
Totals	2,644,756	4,294,490	4,194,197	3,787,393	3,620,447	3,692,964
Lennox and Addington	224,532	418,027	472,278	231,076	226,042	224,867
Frontenac	118,873	181,293	228,083	288,808	281,699	280,550
Leeds and Grenville	76,079	109,720	147,217	682,705	680,801	736,612
Dundas	54,377	60,120	108,715	310,109	298,190	371,189
Stormont	37,149	21,711	36,364	257,112	217,202	298,002
Glengarry	25,254	25,651	28,023	286,875	265,473	341,151
Prescott	55,275	47,867	42,710	325,032	234,963	289,916
Russell	26,324	23,267	20,265	269,952	158,900	210,824
Carleton	116,441	119,345	125,974	746,431	659,092	747,988
Renfrew	15,949	28,164	19,061	478,300	601,231	459,081
Lanark	37,823	48,098	40,995	451,739	383,636	407,821
Totals	788,076	1,083,263	1,269,685	4,328,139	4,017,229	4,368,001
Victoria	283,742	441,651	421,601	521,710	515,951	461,551
Peterborough	79,954	165,132	176,404	361,999	372,110	333,530
Haliburton	3,139	3,074	3,645	64,107	66,167	50,010
Hastings	239,903	429,311	490,526	461,244	488,440	438,368
Totals	606,738	1,039,168	1,092,176	1,409,060	1,442,668	1,283,459
Muskoka	5,703	4,128	6,295	115,426	104,438	92,287
Parry Sound	8,262	4,421	8,144	80,571	50,074	53,349
Nipissing	2,172	.....	241	20,155	.....	2,240
Algoma	7,613	6,215	8,234	78,485	69,763	58,473
Totals	23,750	14,764	22,914	294,637	224,275	206,349
The Province	7,831,285	10,290,011	10,838,360	21,687,734	19,625,622	20,310,715

VALUES—RYE AND PEASE.

TABLE VII. Showing by County Municipalities and groups of Counties the value at market prices of the total crop of Rye and Pease in Ontario in the years 1889 and 1890, with the yearly average for the nine years 1882-90.

Counties.	Rye.			Pease.		
	1890.	1889.	1882-90.	1890.	1889.	1882-90.
Essex.....	\$ 7,821	\$ 8,065	\$ 9,210	\$ 44,603	\$ 33,071	\$ 44,131
Kent.....	16,971	9,026	8,785	116,284	137,278	122,414
Elgin.....	9,998	18,016	13,577	150,324	128,301	140,503
Norfolk.....	65,527	39,117	61,227	230,027	209,521	183,396
Haldimand.....	4,161	2,380	8,026	174,504	137,683	153,956
Welland.....	1,921	5,416	6,069	45,662	46,923	43,557
Totals.....	106,899	82,020	106,894	761,404	692,777	687,957
Lambton.....	4,626	2,819	2,435	145,220	100,335	111,791
Huron.....	2,419	1,771	2,701	554,924	400,228	443,963
Bruce.....	10,161	4,449	4,829	640,730	406,827	522,122
Totals.....	17,206	9,039	9,965	1,340,874	907,390	1,077,876
Grey.....	7,444	4,164	5,838	638,380	637,103	605,344
Simcoe.....	25,136	22,396	25,157	488,573	415,581	419,861
Totals.....	32,580	26,560	30,995	1,126,953	1,052,684	1,025,205
Middlesex.....	8,085	4,729	5,131	293,187	232,385	261,631
Oxford.....	12,665	13,552	11,114	195,552	147,971	200,273
Brant.....	14,437	9,342	9,388	147,944	128,419	112,685
Perth.....	625	448	1,651	346,964	235,319	319,647
Wellington.....	5,573	7,710	8,622	551,899	434,428	519,893
Waterloo.....	5,312	2,490	5,415	250,835	166,410	200,891
Dufferin.....	2,728	1,758	7,532	194,428	157,477	153,268
Totals.....	49,425	40,029	48,853	1,980,809	1,502,409	1,768,288
Lincoln.....	4,088	1,196	3,980	72,442	50,053	54,380
Wentworth.....	7,628	8,693	9,863	166,854	124,077	135,173
Halton.....	6,147	4,225	5,180	163,088	114,709	139,269
Peel.....	5,157	7,291	15,510	256,680	155,434	179,741
York.....	10,904	14,174	16,757	465,507	360,949	389,069
Ontario.....	11,748	15,187	28,008	286,751	288,647	332,982
Durham.....	29,039	33,296	43,872	224,186	187,049	254,439
Northumberland.....	82,106	69,782	89,872	243,373	216,529	211,461
Prince Edward.....	46,696	79,713	72,121	249,680	189,897	140,948
Totals.....	203,513	233,557	285,163	2,133,561	1,687,344	1,837,462
Lennox and Addington....	26,181	31,535	43,288	110,005	97,598	98,856
Frontenac.....	25,555	27,776	36,441	109,248	75,596	119,187
Leeds and Grenville.....	30,422	16,218	64,261	57,303	56,574	73,022
Dundas.....	5,481	9,131	18,001	18,873	10,455	22,478
Stormont.....	3,062	2,138	5,674	21,322	10,577	31,757
Glengarry.....	1,589	.....	682	43,689	26,201	63,452
Prescott.....	413	1,705	2,744	67,494	29,740	86,293
Russell.....	5,212	120	2,860	46,275	15,616	45,376
Carleton.....	43,477	41,285	64,078	137,635	152,321	168,191
Renfrew.....	82,241	64,621	76,727	284,813	314,691	261,244
Lanark.....	26,867	22,212	51,564	138,885	144,823	148,467
Totals.....	250,500	216,741	366,320	1,035,542	984,192	1,118,823
Victoria.....	16,680	12,245	12,412	229,138	196,941	200,975
Peterborough.....	45,446	14,251	31,097	215,126	177,568	176,717
Haliburton.....	3,522	1,342	2,628	24,025	16,621	18,565
Hastings.....	89,754	84,152	126,151	269,705	234,319	200,493
Totals.....	155,402	111,990	172,288	737,994	625,449	596,750
Muskoka.....	3,249	2,258	4,323	50,054	34,200	35,534
Parry Sound.....	1,956	1,637	4,103	30,143	15,288	18,813
Nipissing.....	821	.....	91	8,730	.....	970
Algoma.....	2,832	4,894	2,143	73,692	72,912	60,004
Totals.....	8,858	8,789	10,660	162,619	122,400	115,321
The Province.....	823,883	728,725	1,031,138	9,279,756	7,524,645	8,227,182

VALUES—CORN, BUCKWHEAT AND BEANS.

TABLE VIII. Showing by County Municipalities and groups of Counties the value at market prices of the total crop of Corn, Buckwheat and Beans in Ontario in the years 1889 and 1890, with the yearly average for the six years 1885-90.

Counties.	Corn.			Buckwheat.			Beans.		
	1890.	1889.	1885-90.	1890.	1889.	1885 90.	1890.	1889.	1885-90.
	\$	\$	\$	\$	\$	\$	\$	\$	\$
Essex	873,362	286,804	657,101	7,350	3,775	6,955	24,278	8,874	12,921
Kent	613,583	285,022	489,396	12,700	4,433	7,740	632,382	242,435	304,439
Elgin	247,688	166,447	275,351	18,873	10,475	11,716	64,123	23,906	27,957
Norfolk	197,867	171,853	231,601	48,780	28,302	37,588	7,869	7,412	6,593
Haldimand	27,934	32,434	33,993	4,186	6,751	5,648	6,350	3,636	2,908
Welland	81,850	67,378	102,683	17,061	11,084	14,219	17,810	8,139	9,075
Totals	2,042,284	1,009,938	1,790,135	108,950	64,820	83,866	752,812	294,402	363,893
Lambton	172,663	66,288	126,071	7,352	2,323	3,811	7,457	5,166	6,474
Huron	45,362	24,476	32,072	3,922	967	2,241	3,566	3,370	3,260
Bruce	24,026	13,610	13,217	5,177	1,848	3,073	3,469	2,439	2,451
Totals	242,051	104,374	171,360	16,451	5,138	9,125	14,492	10,975	12,185
Grey	30,561	9,468	11,234	4,848	1,366	2,746	9,021	2,002	2,914
Simcoe	24,968	15,503	15,027	7,232	1,528	3,057	1,804	3,446	2,210
Totals	55,529	24,971	26,261	12,080	2,994	5,803	10,825	5,448	5,124
Middlesex	247,363	131,931	198,641	3,266	3,448	3,981	7,862	6,044	5,331
Oxford	193,239	94,634	147,465	6,820	3,332	4,457	3,986	5,676	4,477
Brant	108,890	82,617	89,270	6,590	3,657	5,062	6,429	868	2,890
Perth	23,031	8,630	15,130	925	508	861	321	1,824	1,101
Wellington	28,383	10,736	12,166	6,257	1,195	1,823	1,002	1,242	907
Waterloo	28,844	16,690	17,986	1,238	218	767	1,568	661	855
Dufferin	3,446	1,554	1,618	679	469	944	719	532	515
Totals	638,196	346,692	482,276	25,775	12,827	17,895	21,887	16,847	16,076
Lincoln	78,479	76,990	109,272	8,367	3,830	5,354	6,733	3,852	3,675
Wentworth	101,777	69,653	82,216	11,389	3,540	6,761	11,471	2,680	3,797
Halton	39,429	25,797	22,084	559	1,373	965	383	1,064	836
Peel	20,514	21,776	11,868	1,591	2,649	1,850	540	1,552	912
York	49,904	27,367	29,154	1,096	1,549	1,543	2,538	3,274	2,801
Ontario	51,988	40,143	42,932	11,339	5,617	5,486	5,424	1,996	3,004
Durham	34,549	35,212	25,328	37,278	15,841	17,160	9,219	4,964	5,710
Northumberland	80,861	66,337	59,198	99,673	55,666	60,903	12,366	10,675	9,719
Prince Edward	136,785	85,208	81,887	89,246	46,183	73,089	8,816	11,289	8,919
Totals	594,286	448,983	463,989	260,538	136,248	173,111	57,490	41,346	39,373
Lentox and Add. ..	45,806	48,570	35,288	62,681	26,848	31,510	6,542	2,882	3,199
Frontenac	41,249	27,065	27,138	23,828	13,787	15,986	3,251	6,246	6,490
Leed & Grenville ..	191,219	129,420	113,824	75,176	49,083	50,115	14,884	7,083	8,646
Dundas	40,115	26,938	31,992	31,946	15,288	19,612	7,324	13,992	7,230
Stormont	38,636	18,081	21,683	28,549	14,671	22,014	5,360	7,640	4,265
Glengarry	46,076	13,569	15,161	15,219	10,629	9,104	5,962	1,882	2,448
Prescott	29,083	20,240	21,702	14,547	10,940	12,659	8,209	12,946	9,544
Russell	13,372	5,047	5,885	15,114	7,470	8,907	4,557	2,335	3,293
Carleton	51,598	26,571	24,640	27,451	43,247	32,359	17,733	11,261	10,025
Renfrew	10,843	5,785	6,403	13,817	5,972	10,844	15,923	15,670	11,520
Lanark	38,659	22,395	19,744	46,726	37,824	41,239	6,894	7,584	5,114
Totals	546,656	343,381	323,460	355,054	235,759	254,349	96,644	89,521	71,774
Victoria	13,286	16,259	11,631	18,517	5,589	5,305	3,653	1,546	1,674
Peterborough	12,138	4,930	5,883	21,851	4,752	8,408	7,248	874	2,305
Haliburton	1,793	1,233	1,342	3,772	1,435	1,659	668	697	542
Hastings	122,681	89,887	81,461	50,035	29,632	38,124	9,622	6,910	6,675
Totals	149,898	112,309	100,317	94,175	41,408	53,496	21,191	10,027	11,196
Muskoka	2,612	2,590	2,217	5,396	2,656	3,173	1,070	1,495	953
Parry Sound	683	315	458	2,452	154	923	1,054	215	320
Nipissing	409	.....	68	939	.....	157	293	.....	49
Algoma	806	1,430	930	1,290	664	687	565	912	422
Totals	4,510	4,335	3,673	10,077	3,474	4,940	2,982	2,622	1,744
The Province	4,273,410	2,395,283	3,361,491	883,100	502,668	602,585	978,323	471,188	521,365

VALUES—HAY AND CLOVER AND POTATOES.

TABLE IX. Showing by County Municipalities and groups of Counties the value at market prices of the total crop of Hay and Clover and Potatoes in Ontario in the years 1889 and 1890, with the yearly average for the six years 1885-90.

Counties.	Hay and Clover.			Potatoes.		
	1890.	1889.	1885-90.	1890.	1889.	1885-90.
	\$	\$	\$	\$	\$	\$
Essex	553,042	767,592	672,101	91,453	59,564	99,736
Kent	840,919	1,022,970	894,035	128,804	94,203	130,716
Elgin	827,969	1,059,636	842,958	98,697	69,146	102,706
Norfolk	578,203	675,995	543,197	88,911	66,167	92,588
Haldimand	649,269	706,694	662,462	41,167	34,664	58,429
Welland	729,468	841,444	670,436	63,406	57,078	74,758
Totals	4,178,870	5,074,331	4,285,189	512,438	380,822	558,933
Lambton	838,844	976,104	875,227	112,591	62,010	108,843
Huron	1,664,889	1,650,712	1,538,060	238,455	214,293	248,535
Bruce	1,350,944	1,363,138	1,269,556	234,387	200,838	234,476
Totals	3,854,677	3,989,954	3,682,843	585,433	477,141	591,874
Grey	1,905,178	1,814,274	1,610,666	482,444	296,011	390,927
Simcoe	1,080,858	1,272,919	1,072,143	435,437	339,903	371,983
Totals	2,986,036	3,087,193	2,682,809	917,881	635,914	762,910
Middlesex	1,507,590	1,642,908	1,474,401	255,793	118,118	211,557
Oxford	1,146,962	1,061,872	1,029,870	125,969	95,029	122,197
Brant	596,815	522,892	449,025	104,928	73,369	98,701
Perth	1,266,332	1,106,213	1,139,300	194,773	83,882	163,366
Wellington	1,438,950	1,308,398	1,352,743	365,749	279,270	297,860
Waterloo	680,774	624,119	682,902	155,619	99,377	138,609
Dufferin	497,630	539,529	462,499	239,237	141,861	183,591
Totals	7,135,053	6,805,931	6,590,740	1,442,068	890,906	1,210,881
Lincoln	616,872	650,396	609,067	62,068	45,643	71,029
Wentworth	754,884	747,282	653,035	173,632	107,403	154,962
Halton	424,681	502,962	434,846	65,017	56,234	67,795
Peel	527,761	580,966	531,175	122,314	107,171	117,307
York	1,008,338	1,113,818	1,010,662	384,200	357,283	332,213
Ontario	847,605	857,971	782,326	202,578	229,762	219,219
Durham	711,883	681,794	626,814	138,850	173,807	154,911
Norshumberland	735,645	818,979	727,173	211,288	186,704	183,319
Prince Edward	422,074	525,167	427,844	80,510	68,662	92,115
Totals	6,049,743	6,479,335	5,802,942	1,440,457	1,332,669	1,392,870
Lennox and Addington	760,449	779,468	644,667	117,789	144,138	149,918
Frontenac	874,524	1,017,721	750,923	169,974	117,882	151,118
Leeds and Grenville	1,431,127	1,917,038	1,579,563	333,643	225,907	350,481
Dundas	477,851	657,343	621,910	161,979	75,945	136,828
Stormont	409,568	679,119	573,848	96,729	39,724	95,611
Glenarry	432,027	849,029	684,280	111,567	45,586	111,742
Prescott	508,657	546,764	540,634	158,596	100,857	139,968
Russell	223,610	235,837	253,819	78,137	58,455	64,783
Carleton	667,076	766,833	888,886	358,305	411,279	328,621
Renfrew	672,498	787,363	698,015	220,324	327,645	245,376
Lanark	665,622	931,154	882,730	186,652	213,585	196,708
Totals	7,123,009	9,167,668	8,119,275	1,983,695	1,761,003	1,971,154
Victoria	435,284	501,894	465,769	214,749	246,471	181,786
Peterborough	520,296	497,703	443,524	155,873	197,490	138,290
Haliburton	94,565	104,111	115,970	38,913	39,815	34,482
Hastings	1,027,021	953,298	900,547	229,395	326,660	277,752
Totals	2,127,166	2,063,006	1,925,810	638,930	810,406	632,310
Muskoka	329,694	241,716	297,980	78,360	115,499	84,203
Parry Sound	173,867	131,017	117,550	70,863	62,002	52,743
Nipissing	65,373	...	10,896	26,731	...	4,455
Algoma	208,536	168,413	152,119	82,719	65,404	60,311
Totals	777,470	541,146	578,545	258,673	242,905	201,712
The Province	34,232,024	37,208,564	33,668,153	7,779,575	6,531,766	7,322,644

VALUES—CARROTS AND TURNIPS.

TABLE X. Showing by County Municipalities and groups of Counties the value at market prices of the total crop of Carrots and Turnips in Ontario in the years 1889 and 1890, with the yearly average for the six years 1885-90.

Counties.	Carrots.			Turnips.		
	1890.	1889.	1885-90.	1890.	1889.	1885-90.
	\$	\$	\$	\$	\$	\$
Essex	11,073	3,440	7,378	16,704	4,947	12,690
Kent	23,605	8,641	15,219	37,026	19,689	26,427
Elgin	24,965	14,393	16,032	36,019	25,822	27,590
Norfolk	21,648	13,104	12,974	109,662	99,513	101,105
Haldimand	8,742	8,526	8,034	7,525	15,769	9,200
Welland	4,170	7,609	7,136	13,002	11,895	13,713
Totals	94,203	55,713	66,773	219,939	177,635	190,725
Lambton	27,714	16,507	18,719	23,967	17,282	20,129
Huron	50,646	42,981	48,698	766,013	484,689	634,897
Bruce	38,549	18,590	25,760	626,072	405,149	559,433
Totals	116,909	78,078	93,177	1,416,052	907,120	1,214,459
Grey	66,480	37,969	51,094	1,035,500	668,679	870,790
Simcoe	64,970	56,770	56,037	418,166	365,580	345,431
Totals	131,450	94,739	107,131	1,453,666	1,034,259	1,216,221
Middlesex	72,626	33,586	44,926	159,986	101,779	146,215
Oxford	39,921	41,186	36,298	636,417	369,339	554,859
Brant	27,906	16,757	23,015	384,525	198,509	310,878
Perth	61,810	22,866	45,169	512,346	219,602	411,719
Wellington	43,810	17,810	26,405	1,363,850	994,903	1,287,442
Waterloo	45,951	36,022	36,031	496,814	284,659	463,450
Dufferin	10,747	13,118	12,327	279,683	211,582	214,521
Totals	302,271	181,345	224,171	3,833,621	2,380,373	3,389,084
Lincoln	11,056	9,986	10,957	24,146	20,253	20,538
Wentworth	29,512	14,469	22,772	395,704	223,013	310,408
Halton	12,172	17,035	14,252	226,935	111,209	188,094
Peel	25,715	25,908	21,885	157,677	116,140	118,447
York	104,099	62,072	75,956	478,679	301,141	345,353
Ontario	66,046	48,366	55,439	1,606,761	1,154,318	1,242,127
Durham	58,684	66,414	52,767	556,335	492,439	532,568
Northumberland	32,568	38,615	27,271	105,965	359,609	336,469
Prince Edward	5,856	5,160	4,434	9,558	3,967	7,251
Totals	345,708	288,025	288,733	3,861,760	2,782,089	3,101,255
Lennox and Addington	6,746	5,670	5,230	6,562	4,976	7,491
Frontenac	7,581	15,980	13,392	17,234	27,448	30,374
Leeds and Grenville	28,611	16,424	16,171	36,118	24,957	22,908
Dundas	10,836	3,490	5,251	5,144	4,674	3,959
Stormont	2,835	6,634	2,730	13,716	3,648	6,156
Glengarry	2,835	3,634	3,060	5,914	1,180	4,486
Prescott	3,698	3,481	4,115	5,206	7,883	10,745
Russell	23,134	15,124	14,294	60,582	38,961	34,757
Carleton	95,502	47,507	50,577	245,146	142,449	138,463
Renfrew	10,144	7,494	7,377	61,890	56,528	46,955
Lanark	21,674	10,000	11,958	46,229	52,531	42,145
Totals	213,596	135,438	134,155	503,741	365,235	348,439
Victoria	28,856	41,564	34,427	303,385	333,518	324,205
Peterborough	56,065	30,721	30,800	168,857	150,605	113,675
Haliburton	2,677	1,262	2,024	21,613	25,025	22,368
Hastings	21,427	16,897	16,639	67,976	97,993	68,891
Totals	109,025	90,444	83,890	561,831	607,141	529,139
Muskoka	7,875	8,966	6,200	76,620	110,078	81,515
Parry Sound	3,142	1,583	2,175	53,611	48,292	46,129
Nipissing	630	.....	105	8,602	.....	1,433
Algoma	1,512	2,594	2,260	52,941	28,625	39,084
Totals	13,159	13,143	10,740	191,774	186,995	168,161
The Province	1,326,321	936,925	1,008,770	12,042,384	8,440,847	10,157,482

VALUES—WHEAT TO PEASE AND CORN TO TURNIPS.

TABLE XI. Showing by County Municipalities and Groups of Counties the aggregate value of Wheat, Barley, Oats, Rye and Pease, and of Corn, Buckwheat, Beans, Hay, Potatoes, Carrots and Turnips in Ontario in 1889 and 1890, with the yearly average of the first group for nine years 1882-90, and of the second group for six years 1885-90.

Counties.	Wheat, Barley, Oats, Rye and Pease.			Corn, Buckwheat, Beans, Hay and Clover, Potatoes, Carrots and Turnips.		
	1890.	1889.	1882-90.	1890.	1889.	1885-90.
	\$	\$	\$	\$	\$	\$
Essex.....	1,011,342	854,789	1,078,820	1,577,262	1,134,996	1,468,882
Kent.....	1,694,724	1,458,893	1,769,905	2,289,019	1,677,393	1,867,972
Elgin.....	1,430,102	1,118,912	1,441,794	1,318,334	1,369,825	1,304,320
Norfolk.....	1,199,904	940,435	1,168,229	1,052,940	1,062,646	1,025,646
Haldimand.....	977,459	955,667	1,107,643	745,174	808,474	780,674
Welland.....	568,669	540,113	647,366	926,767	1,004,627	892,020
Totals.....	6,882,200	5,868,809	7,213,757	7,909,496	7,057,661	7,339,514
Lambton.....	1,495,491	1,292,420	1,507,012	1,190,588	1,145,680	1,159,274
Huron.....	3,253,826	2,420,543	3,224,285	2,772,853	2,421,488	2,507,783
Bruce.....	2,638,717	1,723,978	2,482,169	2,282,624	2,005,612	2,107,966
Totals.....	7,388,034	5,436,941	7,213,466	6,246,065	5,572,780	5,775,023
Grey.....	2,813,494	2,422,959	2,915,663	3,534,032	2,829,769	2,940,391
Simcoe.....	3,084,120	3,083,224	3,133,939	2,033,435	2,055,749	1,865,888
Totals.....	5,897,614	5,506,183	6,049,602	5,567,467	4,885,518	4,806,279
Middlesex.....	2,920,929	2,146,396	2,885,707	2,254,486	2,037,814	2,085,052
Oxford.....	2,008,807	1,626,986	2,030,374	2,153,314	1,671,068	1,899,623
Brant.....	1,140,580	961,498	1,129,824	1,236,083	898,569	973,841
Perth.....	2,364,979	1,794,955	2,362,342	2,064,038	1,443,525	1,776,646
Wellington.....	2,797,704	2,434,978	2,736,332	3,248,001	2,613,554	2,979,346
Waterloo.....	1,807,430	1,477,561	1,750,277	1,410,808	1,061,746	1,340,600
Dufferin.....	1,216,714	929,666	1,128,308	1,032,141	908,645	876,015
Totals.....	14,256,843	11,372,040	14,023,164	13,398,871	10,634,921	11,931,123
Lincoln.....	631,367	573,005	693,256	807,721	810,950	829,892
Wentworth.....	1,115,592	948,964	1,240,101	1,478,369	1,168,040	1,233,951
Halton.....	927,940	1,025,457	1,009,326	769,176	715,674	728,872
Peel.....	1,736,692	1,693,878	1,801,625	856,112	856,162	806,444
York.....	2,912,201	3,058,619	3,317,664	2,028,854	1,866,504	1,797,682
Ontario.....	1,915,118	2,377,558	2,522,887	2,791,741	2,338,173	2,350,583
Durham.....	1,399,008	1,719,825	2,003,671	1,546,798	1,470,471	1,415,258
Northumberland.....	1,511,511	1,504,371	1,723,039	1,578,366	1,537,085	1,404,052
Prince Edward.....	915,643	931,672	917,223	752,845	745,636	695,539
Totals.....	13,065,072	13,833,349	15,228,792	12,609,982	11,508,695	11,262,273
Lennox and Addington...	700,460	848,263	950,154	1,006,575	1,012,552	877,303
Frontenac.....	642,834	661,060	806,557	1,127,641	1,226,129	995,421
Leeds and Grenville.....	1,001,500	1,032,341	1,283,799	2,110,778	2,369,912	2,141,708
Dundas.....	444,304	429,621	612,739	735,195	797,670	826,782
Stormont.....	371,898	305,098	452,390	595,393	769,517	726,307
Glengarry.....	441,823	410,577	553,351	619,600	925,509	830,281
Prescott.....	560,392	385,998	535,566	727,996	703,111	739,367
Russell.....	392,512	254,132	342,203	418,506	363,229	385,738
Carleton.....	1,303,895	1,286,171	1,451,978	1,462,811	1,449,147	1,473,571
Renfrew.....	1,166,175	1,418,027	1,190,119	1,005,444	1,206,456	1,026,490
Lanark.....	812,864	798,787	890,077	1,012,456	1,275,073	1,199,638
Totals.....	7,838,157	7,830,075	9,068,933	10,822,395	12,098,305	11,222,606
Victoria.....	1,509,823	1,555,933	1,669,477	1,067,730	1,146,841	1,024,797
Peterborough.....	1,133,951	1,116,986	1,202,339	942,328	887,075	742,885
Haliburton.....	117,748	108,020	92,467	164,001	173,578	178,387
Hastings.....	1,384,028	1,573,644	1,617,479	1,528,157	1,527,247	1,390,089
Totals.....	4,145,550	4,354,583	4,581,762	3,702,216	3,734,741	3,336,158
Muskoka.....	189,994	157,280	157,805	501,627	483,000	476,241
Parry Sound.....	134,782	78,385	105,085	305,672	243,578	220,298
Nipissing.....	35,533	.....	3,948	102,977	.....	17,163
Algoma.....	244,159	244,686	244,430	348,369	268,042	255,813
Totals.....	604,468	480,351	511,268	1,258,645	994,620	969,515
The Province.....	60,077,938	54,682,331	63,890,744	61,515,137	56,487,241	56,642,491

VALUES—ALL FIELD CROPS AND WOOL.

TABLE XII. Showing by County Municipalities and Groups of Counties the aggregate value of all Field Crops in Ontario in the years 1889 and 1890, with the yearly average (determined by combining averages in preceding table); also the value, at market price, of the total clip of Wool in 1889 and 1890, with the yearly average for the six years 1885-90.

Counties.	All field crops.			Wool.		
	1890.	1889.	Yearly average.	1890.	1889.	1885-90.
	\$	\$	\$	\$	\$	\$
Essex	2,588,604	1,989,785	2,547,702	17,199	15,883	16,575
Kent	3,983,743	3,136,286	3,637,877	23,271	20,512	21,347
Elgin	2,748,436	2,488,737	2,746,114	27,359	22,508	22,522
Norfolk	2,252,844	2,002,781	2,193,875	14,914	13,803	15,275
Haldimand	1,722,633	1,764,141	1,888,317	18,295	15,482	18,792
Welland	1,495,436	1,544,740	1,539,386	12,403	12,247	13,809
Totals	14,791,696	12,926,470	14,553,271	113,441	100,435	108,320
Lambton	2,686,079	2,438,100	2,666,286	29,805	24,437	25,347
Huron	6,026,679	4,812,031	5,732,068	47,785	46,827	49,215
Bruce	4,921,341	3,729,590	4,590,135	55,733	56,124	53,162
Totals	13,634,099	11,009,721	12,983,489	133,323	127,388	127,724
Grey	6,347,526	5,252,728	5,856,054	73,263	74,551	73,957
Simcoe	5,117,555	5,138,973	4,999,827	43,012	47,187	48,841
Totals	11,465,081	10,391,701	10,855,881	116,275	121,738	122,798
Middlesex	5,175,415	4,184,210	4,970,759	41,048	35,577	37,292
Oxford	4,162,121	3,298,054	3,929,997	13,244	16,886	17,719
Brant	2,376,663	1,860,067	2,103,665	11,911	11,715	13,349
Perth	4,428,717	3,238,480	4,138,988	32,223	30,899	32,507
Wellington	6,045,705	5,048,532	5,715,678	46,319	48,799	49,787
Waterloo	3,218,238	2,539,307	3,090,877	20,969	19,882	21,806
Dufferin	2,248,855	1,838,311	2,004,323	17,419	18,928	19,068
Totals	27,655,714	22,006,961	25,954,287	183,133	182,686	191,528
Lincoln	1,439,088	1,383,955	1,523,148	8,231	8,714	9,529
Wentworth	2,593,961	2,117,004	2,474,052	14,185	13,745	15,162
Halton	1,697,116	1,741,131	1,738,198	11,441	11,836	12,912
Peel	2,592,804	2,550,040	2,608,069	12,174	17,492	18,134
York	4,941,055	4,925,123	5,115,346	24,532	25,376	29,752
Ontario	4,706,859	4,715,731	4,873,470	25,958	29,899	29,908
Durham	2,945,806	3,190,296	3,418,929	18,670	21,257	22,014
Northumberland	3,039,877	3,041,456	3,127,091	17,772	20,430	22,029
Prince Edward	1,668,488	1,677,308	1,612,762	6,805	7,748	8,458
Totals	25,673,054	25,342,044	26,491,065	139,718	156,458	167,898
Lennox and Addington	1,707,035	1,860,815	1,827,457	11,322	10,639	14,178
Frontenac	1,770,475	1,887,189	1,801,978	16,137	13,563	16,767
Leeds and Grenville	3,112,278	3,402,253	3,425,507	26,228	26,837	31,191
Dundas	1,179,499	1,227,291	1,439,521	6,566	8,136	9,302
Stormont	966,791	1,074,615	1,178,697	7,451	9,156	9,505
Glengarry	1,061,423	1,336,086	1,383,632	10,678	11,699	12,870
Prescott	1,288,388	1,089,109	1,274,933	9,236	10,928	10,422
Russell	811,018	617,361	727,941	7,236	5,590	7,049
Carleton	2,766,706	2,735,318	2,925,549	21,472	26,746	26,539
Renfrew	2,171,619	2,624,483	2,216,609	33,870	35,757	33,433
Lanark	1,825,320	2,073,860	2,039,715	29,091	26,060	30,001
Totals	18,660,552	19,928,380	20,291,539	179,287	185,131	201,257
Victoria	2,577,553	2,702,774	2,694,274	20,551	20,241	22,684
Peterborough	2,076,279	2,004,061	1,945,224	13,323	15,312	16,034
Hillburton	281,719	281,598	270,854	3,124	3,285	3,154
Hastings	2,912,185	3,100,891	3,007,568	16,697	21,487	22,950
Totals	7,847,766	8,089,324	7,917,920	53,695	60,325	61,822
Muskoka	691,621	640,280	634,046	5,961	7,079	6,518
Parry Sound	440,454	321,963	325,383	4,612	3,160	2,927
Nipissing	138,510	.....	21,111	446	.....	74
Algoma	592,528	512,728	500,243	7,923	5,501	4,953
Totals	1,863,113	1,474,971	1,480,783	18,942	15,740	14,472
The Province	121,593,075	111,169,572	120,533,235	937,814	949,901	998,819

VALUE PER ACRE—FALL WHEAT, SPRING WHEAT AND BARLEY.

TABLE XIII. Showing by County Municipalities and groups of Counties the market value of crop per acre of Wheat and Barley in Ontario, in 1889 and 1890, with the yearly average for nine years 1882-90.

Counties.	Fall wheat.			Spring wheat.			Barley.		
	1890.	1889.	1882-90.	1890.	1889.	1882-90.	1890.	1889.	'82-90
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Essex	15 54	13 88	17 47	12 14	11 63	13 00	11 30	10 60	13 92
Kent	18 84	12 91	17 33	13 06	15 42	13 37	12 05	12 26	14 79
Elgin	20 16	14 41	17 43	14 88	13 30	12 67	11 90	11 57	14 73
Norfolk	19 03	12 91	15 91	12 51	12 07	12 14	10 74	9 64	14 13
Haldimand	14 13	12 73	14 15	10 13	10 75	11 63	7 88	9 72	12 36
Welland	16 01	13 17	14 14	10 77	9 16	11 72	8 23	9 72	12 75
Group	17 68	13 32	16 37	12 04	12 79	12 50	10 31	10 60	13 52
Lambton	17 14	14 76	16 87	13 79	11 72	12 39	10 44	11 18	14 21
Huron	20 72	11 93	17 42	14 88	11 51	11 73	12 70	11 53	15 05
Bruce	20 44	11 40	17 25	13 88	10 66	12 18	13 10	9 81	14 28
Group	19 64	12 59	17 24	14 17	10 98	12 01	12 21	10 92	14 61
Grey	16 77	11 58	17 76	12 14	10 92	12 70	12 65	9 68	13 63
Simcoe	17 14	15 82	18 59	12 05	12 86	13 46	11 85	11 92	14 01
Group	17 04	14 50	18 32	12 10	12 03	13 05	12 12	11 18	13 85
Middlesex	21 38	13 08	17 69	15 79	13 39	12 50	12 30	10 82	14 63
Oxford	22 23	15 03	17 82	14 97	14 36	13 69	13 75	12 32	16 53
Brant	20 63	14 14	16 46	15 43	13 83	12 09	12 30	12 45	14 80
Perth	20 25	11 85	17 40	15 89	15 15	12 93	13 96	13 42	16 28
Wellington	17 99	13 44	17 74	16 07	13 39	13 14	13 75	13 42	15 44
Waterloo	20 16	14 94	18 28	15 25	14 10	13 02	14 91	14 21	16 75
Dufferin	17 14	12 46	17 19	13 88	10 22	12 85	12 55	10 65	13 86
Group	20 75	13 60	17 60	15 11	11 67	12 99	13 44	12 72	15 53
Lincoln	16 49	15 82	15 82	10 59	11 72	12 44	9 59	10 03	13 60
Wentworth	16 11	13 70	16 13	13 05	11 36	12 79	10 89	11 13	15 11
Halton	15 07	19 62	16 96	12 60	14 80	13 33	12 05	13 29	15 39
Peel	16 86	16 80	18 62	13 97	14 01	14 97	11 80	12 80	15 06
York	20 06	18 92	19 63	11 87	13 74	15 02	10 99	13 73	15 79
Ontario	19 97	15 65	20 21	9 59	14 45	15 03	10 54	13 02	15 49
Durham	20 63	13 44	18 53	9 68	13 48	14 59	8 63	12 32	14 51
Northumberland	19 22	11 67	18 32	9 86	9 87	12 39	8 89	10 03	12 28
Prince Edward	21 67	19 89	16 40	11 78	9 34	12 05	9 79	10 69	11 30
Group	17 66	16 24	17 82	10 85	13 23	14 26	10 30	12 18	14 23
Lennox and Addington	17 90	16 53	16 03	9 40	11 63	12 81	8 68	10 87	12 15
Frontenac	14 51	14 23	17 00	9 59	9 51	13 09	9 49	8 84	12 70
Leeds and Grenville	14 32	15 91	16 83	8 86	10 13	13 73	9 14	10 16	13 71
Dundas	14 13	18 12	17 55	12 14	11 89	16 22	10 19	10 47	16 45
Stormont	11 30	15 82	16 89	12 60	11 01	15 69	11 30	11 22	15 15
Glengarry	11 78	15 91	15 53	10 50	12 07	14 13	10 24	9 90	12 50
Prescott	11 30	.....	11 79	12 33	9 07	13 76	11 04	11 31	14 14
Russell	15 07	14 14	16 86	12 42	12 25	14 70	11 85	12 58	13 15
Carleton	18 09	15 82	14 64	9 77	16 03	14 90	12 45	12 67	15 67
Renfrew	17 90	20 86	17 47	11 23	17 27	14 65	9 49	13 77	12 93
Lanark	11 87	16 97	17 51	8 22	9 51	12 90	10 64	12 10	14 02
Group	15 14	16 33	16 70	10 23	12 90	14 18	9 90	10 67	13 25
Victoria	14 41	12 11	17 66	11 78	12 69	13 50	11 04	11 88	13 75
Peterborough	14 98	10 52	17 54	10 59	10 92	11 93	10 09	11 13	13 28
Haliburton	12 81	12 64	14 39	10 04	13 92	11 49	10 19	11 22	12 97
Hastings	17 90	17 95	17 67	10 68	10 66	13 54	8 94	10 74	12 59
Group	16 37	13 80	17 60	11 14	11 70	12 93	9 98	11 26	13 13
Muskoka	14 13	15 47	15 57	12 51	11 98	13 33	10 04	9 15	11 77
Parry Sound	11 78	13 26	14 63	10 50	11 54	14 43	10 94	9 33	12 32
Nipissing	13 00	.....	13 00	13 06	.....	13 00	11 19	.....	11 19
Algoma	18 27	13 26	18 56	14 24	16 74	17 88	10 69	11 00	14 17
Group	16 88	13 61	17 85	13 35	15 63	16 62	10 66	9 91	12 74
The Province	18 66	13 98	17 33	11 66	12 59	13 59	11 17	11 76	14 18

VALUE PER ACRE-OATS, RYE AND PEASE.

TABLE XIV. Showing by County Municipalities and groups of Counties the market value of crop per acre of Oats, Rye and Pease in Ontario in 1889 and 1890, with the yearly average for nine years 1882-90.

Counties.	Oats.			Rye.			Pease.		
	1890.	1889.	1882-90.	1890.	1889.	1882-90.	1890.	1889.	'82-90
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Essex	10 56	10 43	13 53	8 96	9 54	11 46	10 67	9 02	11 40
Kent	11 80	11 80	14 15	11 44	11 20	11 92	9 11	9 25	11 39
Elgin	10 52	10 07	13 43	8 96	9 82	10 34	7 90	8 52	10 80
Norfolk	8 80	7 63	11 38	6 75	4 58	7 92	9 65	11 14	11 60
Haldimand	8 14	8 72	11 23	7 38	4 99	9 92	9 53	9 19	11 18
Welland	7 23	8 97	11 03	7 91	8 45	9 82	7 54	10 47	10 23
Group	9 80	9 76	12 73	7 60	6 24	8 90	9 04	9 64	11 19
Lambton	10 15	9 88	12 73	10 01	9 04	9 78	9 17	8 36	11 09
Huron	12 82	10 16	13 10	7 91	7 64	10 00	12 18	11 03	13 44
Bruce	12 33	7 84	11 64	10 54	10 18	10 50	14 71	10 08	13 87
Group	11 95	9 29	12 52	9 93	9 21	10 18	12 78	10 24	13 35
Grey	12 21	9 09	11 38	7 22	10 33	10 17	13 15	12 37	13 17
Simcoe	12 45	11 22	12 10	8 27	8 96	10 60	13 02	12 03	13 10
Group	12 31	9 96	11 69	8 01	9 15	10 52	13 09	12 23	13 14
Middlesex	12 33	10 68	13 58	9 06	8 55	9 89	9 83	8 08	11 51
Oxford	12 21	11 13	13 67	8 43	8 81	8 98	9 47	7 85	12 64
Brant	11 67	10 68	13 01	8 91	5 85	8 57	12 00	13 20	12 28
Perth	14 63	12 11	14 62	7 91	10 18	8 69	11 82	8 36	13 58
Wellington	13 40	12 17	13 15	8 96	8 25	10 49	12 72	10 97	13 76
Waterloo	12 21	11 41	13 43	9 22	5 50	10 14	12 54	10 25	13 59
Dufferin	10 85	10 28	12 11	7 64	5 34	10 59	12 66	11 81	12 81
Group	12 75	11 36	13 50	8 75	7 35	9 56	11 59	9 71	13 02
Lincoln	8 51	9 33	11 83	6 75	8 60	9 19	9 41	9 52	10 95
Wentworth	10 60	8 94	13 00	7 91	7 33	10 06	11 88	9 41	12 36
Halton	11 47	11 62	12 92	7 01	10 18	9 81	11 88	11 14	13 10
Peel	12 25	12 02	13 33	8 80	7 64	12 14	12 54	9 75	12 61
York	13 07	12 32	14 31	10 01	10 69	10 03	12 90	11 20	13 55
Ontario	12 41	12 57	13 62	7 59	8 55	10 58	10 25	10 25	12 50
Durham	10 56	10 77	12 63	7 43	8 50	9 04	10 13	9 36	11 84
Northumberland	10 36	9 24	10 55	6 64	6 46	7 87	12 30	11 36	10 49
Prince Edward	10 73	9 00	9 90	7 38	7 94	8 10	13 21	10 19	10 45
Group	11 57	11 14	12 91	7 20	7 65	8 71	11 77	10 37	12 15
Lennox and Addington	9 17	9 15	10 03	7 59	7 69	8 76	11 16	11 08	11 20
Frontenac	9 66	8 51	10 14	7 54	8 60	9 87	10 61	8 36	10 96
Leeds and Grenville	9 45	8 91	11 20	7 33	9 11	10 71	10 43	8 86	11 64
Dundas	10 40	8 78	12 56	11 28	10 18	13 62	14 95	6 85	13 44
Stormont	11 51	8 78	12 35	9 22	8 91	12 47	13 02	5 01	12 62
Glengarry	9 41	8 39	11 31	7 91	.....	10 03	10 97	6 68	11 17
Prescott	10 48	8 27	10 96	7 64	9 32	10 85	10 55	6 91	10 03
Russell	12 04	8 94	11 40	11 07	10 00	12 23	11 46	8 36	12 14
Carleton	11 71	9 30	12 42	9 54	10 84	10 76	13 75	12 64	13 18
Renfrew	11 06	11 96	11 25	9 01	12 17	11 33	13 39	15 21	12 66
Lanark	11 01	8 63	10 99	8 01	8 86	11 38	12 24	12 37	13 06
Group	10 52	9 18	11 41	8 47	9 82	10 70	12 10	11 33	12 08
Victoria	12 41	10 74	11 88	9 17	9 87	10 07	13 39	12 64	12 55
Peterborough	11 38	10 19	11 14	7 43	6 21	8 98	13 33	12 03	11 71
Haliburton	11 10	9 70	9 75	8 59	9 52	9 88	11 46	11 03	11 64
Hastings	10 64	10 25	10 45	8 54	8 09	9 19	13 02	11 59	10 83
Group	11 46	10 37	11 08	8 24	7 96	9 22	13 16	12 01	11 65
Muskoka	10 93	9 15	10 37	8 85	7 79	11 20	13 33	11 75	12 68
Parry Sound	11 64	8 30	10 82	12 70	11 61	12 74	12 00	10 14	12 95
Nipissing	12 08	.....	12 08	10 01	.....	10 01	12 54	.....	12 54
Algoma	11 30	10 89	12 85	9 22	9 67	9 79	14 05	14 09	15 62
Group	11 02	9 40	11 12	9 73	9 38	11 39	13 32	12 76	14 11
The Province	11 52	10 20	12 36	7 99	8 09	9 58	11 88	10 63	12 47

VALUES PER ACRE—CORN, BUCKWHEAT, BEANS AND HAY.

TABLE XV. Showing by County Municipalities and groups of Counties the market value of crop per acre of Corn, Buckwheat, Beans and Hay and Clover in Ontario in 1889 and 1890, with the yearly average for six years 1885-90.

Counties.	Corn.			Buckwheat.			Beans.			Hay and Clover..		
	1890.	1889.	'85-90.	1890.	1889.	'85-90.	1890.	1889.	'85-90.	1890.	1889.	'85-90.
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Essex	22 72	10 28	20 27	7 87	5 73	9 74	27 37	21 54	22 06	13 83	18 76	17 56
Kent	22 23	12 02	18 72	9 33	6 14	8 31	25 31	18 88	20 30	15 74	18 06	16 86
Elgin	18 61	13 31	19 61	9 20	9 48	8 27	24 67	26 86	22 49	15 18	19 76	16 61
Norfolk	15 19	13 34	17 00	9 03	7 47	8 14	20 82	31 68	18 31	13 59	16 67	13 63
Haldimand	14 58	12 56	18 78	9 80	7 74	7 47	19 66	17 48	18 88	13 44	13 97	13 40
Welland	14 55	11 81	17 93	9 20	6 83	8 18	15 42	16 85	15 28	15 26	15 57	13 87
Group	20 44	11 84	19 09	9 06	7 39	8 25	24 83	19 54	20 35	14 58	17 11	15 32
Lambton	18 73	9 56	17 37	6 67	6 64	7 68	15 93	19 64	17 84	14 15	16 57	15 79
Huron	17 87	12 95	20 20	8 60	7 11	7 78	32 13	25 34	26 94	15 11	15 97	15 50
Bruce	13 12	12 95	15 11	6 02	7 90	6 95	23 13	31 68	20 77	13 36	14 37	14 17
Group	17 81	10 57	17 63	6 80	7 14	7 44	19 88	23 20	20 24	14 22	15 52	15 07
Grey	15 25	9 84	13 93	8 04	5 53	7 13	25 70	25 34	20 52	15 11	14 37	13 38
Simcoe	18 61	14 89	16 00	7 87	7 50	7 08	23 13	25 34	21 25	12 96	14 97	13 66
Group	16 60	12 47	15 04	7 94	6 45	7 10	25 23	25 34	20 83	14 23	14 61	13 49
Middlesex	19 12	12 20	18 18	8 69	7 11	7 12	24 42	22 30	20 27	16 06	17 37	16 31
Oxford	17 93	11 06	17 22	7 31	7 23	7 03	21 20	25 34	24 33	17 33	17 07	16 60
Brant	22 05	15 54	18 99	8 34	7 39	7 90	23 90	20 65	17 20	18 21	17 66	14 54
Perth	16 78	9 07	17 02	10 75	8 06	7 77	32 13	30 91	24 47	17 49	15 97	16 60
Wellington	18 30	12 95	16 94	10 75	9 88	9 96	25 70	25 34	19 72	15 90	15 17	15 88
Waterloo	19 31	15 54	17 16	8 60	4 74	7 91	25 70	22 81	21 38	15 58	15 27	16 18
Dufferin	15 25	12 95	14 70	8 60	6 51	8 35	25 70	25 34	22 39	14 55	14 77	13 48
Group	19 00	12 54	17 89	8 62	7 36	7 64	23 87	24 24	20 91	16 45	16 23	15 93
Lincoln	13 15	11 73	17 42	9 89	7 27	8 71	25 70	24 07	22 27	15 90	15 27	14 59
Wentworth	19 52	15 90	19 39	8 56	6 08	8 79	21 20	28 51	22 60	18 05	16 67	14 75
Halton	21 87	15 54	17 31	8 60	6 24	5 92	22 49	25 34	19 44	13 91	15 37	13 26
Peel	18 30	20 98	17 50	10 75	6 95	7 77	22 49	31 68	22 80	14 71	15 27	14 14
York	18 30	15 23	18 42	6 02	7 90	7 53	32 13	24 07	24 57	14 07	15 77	14 03
Ontario	16 26	12 30	15 95	9 16	11 85	9 96	22 23	22 17	22 59	14 15	16 27	14 54
Durham	15 77	16 32	13 77	9 33	8 45	9 13	23 52	17 30	18 85	15 18	16 77	14 56
Northumberland	15 77	13 73	14 04	9 03	8 33	8 59	20 82	21 92	22 60	12 56	15 27	13 31
Prince Edward	18 64	13 93	14 71	10 58	6 91	9 90	23 39	28 51	19 35	12 56	18 26	13 91
Group	17 13	14 10	16 36	9 55	7 74	9 16	22 72	23 75	21 20	14 49	16 01	14 13
Lennox and Addington	16 93	18 26	15 96	11 05	13 19	9 81	27 37	36 49	20 64	11 93	14 37	12 19
Frontenac	16 78	13 23	14 87	11 35	11 02	9 92	23 90	26 35	24 04	13 36	15 57	11 75
Leeds and Grenville	20 25	18 41	18 60	10 62	9 52	9 26	26 34	21 79	22 99	12 00	16 57	13 69
Dundas	17 96	11 91	17 53	13 20	10 15	11 65	32 13	34 46	26 01	11 93	17 17	16 97
Stormont	22 88	15 70	18 07	12 17	10 23	11 36	27 63	28 51	25 24	10 97	18 56	16 88
Glengarry	22 51	16 84	17 88	9 63	8 89	9 18	25 70	28 51	24 98	10 57	19 16	18 01
Prescott	22 94	15 82	17 28	8 26	10 70	8 62	22 49	26 10	22 09	11 69	15 37	15 34
Russell	17 78	11 66	13 47	11 01	12 13	9 63	23 13	24 07	20 57	10 73	13 97	13 84
Carleton	15 40	13 88	14 33	9 63	12 56	8 84	29 56	23 51	22 73	10 26	13 07	14 56
Renfrew	13 73	12 74	13 37	9 93	8 30	9 19	25 44	36 87	26 12	10 57	11 68	10 92
Lanark	19 06	13 60	14 28	9 50	10 03	8 54	24 80	37 00	25 32	11 29	14 87	14 34
Group	19 00	15 85	16 76	10 60	10 64	9 45	26 41	29 85	23 76	11 52	15 39	13 97
Victoria	18 30	17 48	18 55	9 76	11 69	8 21	29 94	25 34	22 93	11 37	13 27	11 97
Peterborough	16 01	11 66	13 40	11 22	10 31	9 09	25 70	19 01	16 58	12 96	13 47	11 47
Haliburton	12 20	18 13	13 69	11 09	8 30	7 72	25 70	31 68	20 07	9 30	9 78	11 27
Hastings	15 49	12 87	14 33	9 59	8 57	9 20	29 43	17 10	21 81	13 59	13 37	12 81
Group	15 70	13 36	14 65	10 02	9 06	9 00	27 99	18 81	20 54	12 62	13 13	12 18
Muskoka	11 16	12 95	11 31	9 85	9 88	10 27	28 91	25 34	23 24	14 71	10 98	13 39
Parry Sound	12 20	9 84	12 38	12 38	11 85	9 92	25 70	21 50	22 86	11 93	12 38	11 58
Nipissing	11 68	.....	11 33	11 05	.....	11 21	26 60	.....	26 60	13 91	.....	13 91
Algoma	12 20	10 36	12 57	8 60	7 90	8 81	25 70	25 34	23 44	13 91	14 27	13 50
Group	11 53	11 72	11 73	10 27	9 49	10 00	26 86	24 97	23 25	13 71	12 19	13 01
The Province	19 09	12 80	17 97	9 80	8 91	9 02	24 80	21 58	20 86	13 90	15 59	14 44

VALUES PER ACRE—POTATOES, CARROTS AND TURNIPS.

TABLE XVI. Showing by County Municipalities and groups of Counties the market value per acre of Potatoes, Carrots and Turnips in Ontario in the years 1889 and 1890, with the yearly average for six years 1885-90

Counties.	Potatoes.			Carrots.			Turnips.		
	1890.	1889.	1885-90.	1890.	1889.	1885-90.	1890.	1889.	1885-90.
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Essex.....	35 17	24 12	36 79	106 47	28 67	70 94	96 00	25 76	66 44
Kent.....	42 75	36 40	42 89	101 75	52 69	87 97	91 65	69 08	84 70
Elgin.....	37 30	31 08	39 12	112 46	82 72	96 00	89 60	65 21	82 36
Norfolk.....	31 67	24 07	31 02	78 44	68 25	77 23	83 97	63 38	85 39
Haldimand.....	31 19	26 48	42 07	100 49	66 61	80 34	89 60	59 28	66 19
Welland.....	28 13	29 21	34 07	68 36	73 16	85 98	62 21	63 61	77 47
Group.....	35 00	28 64	37 38	95 93	63 17	83 99	85 28	61 34	81 58
Lambton.....	35 97	25 57	38 76	104 58	65 25	88 72	79 36	45 60	71 89
Huron.....	52 27	46 27	50 87	120 02	85 45	108 94	115 71	72 50	96 98
Bruce.....	50 59	46 00	51 04	106 79	63 88	91 03	109 57	68 86	97 60
Group.....	46 08	41 77	48 17	111 55	74 57	99 02	112 06	70 06	96 70
Grey.....	70 79	46 96	59 03	114 03	83 27	102 39	105 73	72 96	94 04
Simcoe.....	58 87	50 96	55 40	115 61	101 56	100 25	117 76	94 39	96 73
Group.....	64 59	49 01	57 20	114 80	93 34	101 26	108 93	79 33	94 79
Middlesex.....	42 09	26 85	40 05	110 88	72 07	90 94	87 81	54 72	84 03
Oxford.....	40 00	33 58	40 77	112 77	91 73	104 30	107 78	63 38	100 23
Brant.....	48 29	34 13	43 81	142 38	76 17	119 25	113 66	58 37	102 84
Perth.....	57 24	26 66	47 27	124 11	60 33	109 37	109 31	57 91	93 62
Wellington.....	58 96	51 69	52 34	115 29	63 61	88 02	104 96	77 29	99 58
Waterloo.....	53 74	37 63	49 54	122 54	88 73	108 53	103 94	58 60	92 91
Dufferin.....	61 05	53 37	58 98	98 60	84 63	94 10	101 89	86 18	88 43
Group.....	51 83	38 35	47 53	117 94	77 00	101 39	105 56	67 88	96 72
Lincoln.....	35 53	28 44	39 93	102 38	64 43	90 55	92 16	75 01	84 17
Wentworth.....	41 15	35 72	46 62	123 48	54 60	100 32	128 77	71 36	111 78
Halton.....	42 44	40 63	45 14	115 92	109 20	114 02	131 33	59 28	103 41
Peel.....	38 01	36 04	40 73	108 05	79 72	88 24	114 18	74 78	83 89
York.....	46 60	48 37	44 77	127 26	90 09	116 50	108 54	71 82	94 13
Ontario.....	45 10	51 60	53 35	137 03	104 01	119 48	125 44	91 20	100 37
Durham.....	43 46	58 29	50 71	102 06	114 11	103 26	106 50	88 92	97 99
Northumberland.....	44 96	42 27	42 44	113 09	98 01	96 02	115 20	98 50	96 33
Prince Edward.....	34 64	29 39	39 03	90 09	40 95	66 18	97 54	22 80	63 05
Group.....	42 78	43 63	45 30	118 47	91 23	105 65	118 79	84 21	98 96
Lennox and Addington.....	38 23	51 55	48 19	114 35	84 63	81 73	68 35	51 30	62 43
Frontenac.....	37 21	29 30	39 05	60 17	61 70	70 12	67 58	51 98	67 35
Leeds and Grenville.....	45 14	30 85	49 54	97 65	87 36	88 37	91 90	77 75	83 61
Dundas.....	73 10	32 44	58 30	126 00	42 04	84 69	72 45	57 00	68 26
Stormont.....	48 73	21 61	48 86	78 75	81 90	62 05	97 28	57 00	73 29
Glengarry.....	49 64	20 02	47 23	78 75	56 78	63 73	134 40	51 30	99 69
Prescott.....	72 25	43 68	59 38	94 82	69 62	80 69	83 37	66 80	89 54
Russell.....	54 49	41 72	44 46	96 39	85 45	91 04	103 73	109 44	104 38
Carleton.....	56 79	63 52	55 08	97 65	84 08	85 29	97 28	83 04	82 47
Renfrew.....	57 77	86 45	64 39	122 22	83 27	78 48	85 25	88 46	74 06
Lanark.....	55 95	63 47	56 88	131 36	101 01	98 02	96 51	91 20	82 15
Group.....	51 75	46 42	52 18	99 76	78 61	83 38	93 98	81 54	80 83
Victoria.....	61 53	65 43	55 41	102 69	110 84	107 25	89 60	83 90	89 34
Peterborough.....	48 86	67 75	50 16	129 78	93 09	92 49	102 40	95 99	80 91
Haliburton.....	54 05	60 88	54 05	107 10	54 87	92 00	78 59	72 96	70 78
Hastings.....	43 19	55 46	51 60	85 37	81 63	87 57	81 41	67 49	69 66
Group.....	50 27	61 28	52 43	110 24	96 73	96 87	91 43	82 73	83 47
Muskoka.....	56 17	74 76	59 85	78 75	106 74	72 94	96 26	94 16	75 76
Parry Sound.....	64 01	71 84	68 59	55 13	63 34	75 00	72 45	84 13	76 88
Nipissing.....	62 02	.....	62 02	63 00	.....	63 00	76 80	.....	76 80
Algoma.....	77 53	84 18	77 32	63 00	68 25	70 63	102 40	51 30	73 46
Group.....	64 67	76 27	66 62	68 90	89 41	72 57	88 58	81 27	75 51
The Province.....	49 21	44 80	48 93	110 74	83 20	97 36	108 44	75 97	94 94

VALUES PER ACRE—ALL FIELD CROPS.

TABLE XVII. Showing by County Municipalities and groups of Counties in Ontario the average market value in 1889 and 1890 of all field crops and by groups as in Table XI; also the yearly average of the first group for nine years 1882-90, of the second group for six years 1885-90, and a yearly average of all crops derived from the aggregate in Table XII and corresponding acreage.

Counties.	Wheat, barley, oats, rye and pease.			Corn, buckwheat, beans, hay, potatoes, carrots and turnips.			All field crops.		
	1890.	1889.	1882-90.	1890.	1889.	1885-90.	1890.	1889.	Yearly average.
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Essex	12 24	11 76	15 12	18 98	15 62	19 60	15 62	13 69	17 41
Kent	14 54	12 12	15 54	20 62	17 30	18 94	17 51	14 43	17 12
Elgin	13 83	11 65	14 88	17 40	19 32	18 48	15 34	14 91	16 39
Norfolk	12 10	9 97	12 96	16 02	17 07	16 33	13 67	12 80	14 35
Haldimand	10 41	10 42	12 61	14 20	14 45	14 51	11 77	11 95	13 33
Welland	10 78	10 74	12 42	15 72	15 67	15 15	13 39	13 50	13 87
Group	12 55	11 17	14 08	17 69	16 69	17 94	14 86	13 63	15 62
Lambton	11 85	11 51	14 09	16 14	16 48	17 34	13 44	13 41	15 34
Huron	14 32	10 95	14 56	22 13	20 63	22 17	17 09	14 30	17 13
Bruce	14 55	9 42	13 90	19 90	18 79	20 73	16 62	12 87	16 38
Group	13 81	10 53	14 23	19 91	18 98	20 51	16 07	13 59	16 47
Grey	12 80	10 31	12 96	24 16	19 73	21 29	17 34	13 88	16 13
Simcoe	13 32	12 70	14 31	20 85	21 08	20 55	15 55	15 10	16 14
Group	13 07	11 53	13 63	22 84	20 27	20 99	16 49	14 46	16 13
Middlesex	14 78	11 05	14 87	19 42	18 05	19 01	16 50	13 62	16 36
Oxford	14 55	11 82	15 05	24 61	20 74	23 66	18 45	15 12	18 26
Brant	14 32	12 44	14 57	27 76	21 80	23 32	19 14	15 69	17 63
Perth	15 17	11 55	15 30	24 94	18 59	22 80	18 56	13 89	17 82
Wellington	13 85	12 34	14 28	28 94	24 70	28 36	19 24	16 66	19 27
Waterloo	14 92	12 86	15 61	25 40	21 27	26 02	18 44	15 40	18 89
Dufferin	12 42	10 66	13 22	24 98	21 63	21 78	16 15	14 23	15 96
Group	14 37	11 80	14 76	24 91	20 85	23 56	18 07	14 93	17 82
Lincoln	11 47	12 03	13 56	16 83	15 63	16 29	13 97	13 91	14 92
Wentworth	12 42	10 71	14 29	26 19	20 75	22 12	17 73	14 61	17 35
Halton	12 51	14 31	14 68	21 50	18 80	19 32	15 44	15 87	16 32
Peel	13 00	12 95	15 05	20 38	19 30	18 72	14 76	14 56	16 02
York	13 13	13 59	15 55	23 02	21 95	20 98	15 95	15 88	17 11
Ontario	11 03	12 81	14 54	33 90	31 54	31 71	18 36	18 15	19 68
Durham	9 97	11 66	13 63	24 77	27 19	25 28	14 52	15 83	16 84
Northumberland	10 68	9 94	11 80	18 83	20 73	18 86	13 71	13 49	14 20
Prince Edward	11 21	10 17	10 80	14 41	16 72	14 89	12 46	12 32	12 25
Group	11 75	12 14	13 96	22 88	22 02	21 47	15 44	15 24	16 40
Lennox and Addington	9 53	10 42	11 43	13 31	16 34	14 21	11 44	12 98	12 61
Frontenac	9 71	8 77	11 43	15 06	16 63	13 80	12 55	12 66	12 63
Leeds and Grenville	9 44	9 39	12 02	14 62	17 42	15 88	12 43	13 83	14 18
Dundas	10 72	9 28	13 69	15 64	17 74	19 27	13 29	13 45	16 42
Stormont	11 68	9 02	13 08	13 62	18 58	18 44	12 80	14 28	15 93
Glengarry	9 78	8 95	11 87	13 19	18 99	19 59	11 52	14 12	15 55
Prescott	10 87	8 57	11 49	14 79	17 21	18 06	12 78	12 68	14 56
Russell	11 99	9 64	12 11	16 47	18 20	17 68	13 95	13 33	14 54
Carleton	11 48	11 11	13 18	17 91	19 32	19 61	14 17	14 48	15 79
Renfrew	11 41	13 90	12 52	14 19	16 40	14 55	12 54	14 95	13 39
Lanark	10 49	9 89	12 10	14 43	17 64	16 65	12 36	13 55	14 35
Group	10 57	10 27	12 25	14 82	17 62	16 65	12 68	13 75	14 35
Victoria	12 08	11 70	13 17	20 30	24 20	21 58	14 52	14 98	15 46
Peterborough	11 42	10 70	12 32	19 47	20 78	16 63	14 06	13 62	13 67
Haliburton	10 90	10 53	10 54	13 98	14 55	15 36	12 50	12 69	13 29
Hastings	11 19	11 16	11 80	16 02	16 95	15 98	13 29	13 41	13 42
Group	11 56	11 20	12 38	17 79	19 44	17 49	13 84	13 93	14 11
Muskoka	11 52	9 80	11 22	19 65	19 06	18 77	16 46	15 47	16 08
Parry Sound	10 97	8 95	11 95	18 22	20 12	18 84	15 15	15 43	15 88
Nipissing	12 17	.....	12 17	19 12	.....	19 12	16 67	.....	16 67
Algoma	13 03	13 45	15 63	20 69	19 96	20 02	16 66	16 21	17 60
Group	11 99	11 17	13 17	19 51	19 55	19 11	16 21	15 71	16 52
The Province	12 54	11 35	13 73	19 87	19 35	19 69	15 42	14 37	16 01

FARM WAGES.

TABLE XVIII. Showing by County Municipalities and groups of Counties the average wages of Farm Laborers and Domestic Servants in Ontario in 1889 and 1890.

Counties.	Farm laborers.								Domestics per month with board.	
	Per year—				Per month in working season—					
	With board.		Without board.		With board.		Without board.			
	1890.	1889.	1890.	1889.	1890.	1889.	1890.	1889.	1890.	1889.
	\$	\$	\$	\$	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Essex	159	162	253	269	16 60	17 71	26 53	26 24	6 71	7 81
Kent	161	167	256	257	17 49	17 83	27 39	25 97	6 81	7 08
Elgin	158	173	244	257	16 89	17 55	25 47	25 48	6 51	7 15
Norfolk	151	152	235	236	15 39	16 18	23 97	23 92	5 63	6 00
Haldimand	145	153	241	240	16 83	16 86	25 67	25 62	6 32	6 71
Welland	146	146	250	234	16 37	16 76	26 93	25 17	6 47	6 80
Group	154	160	247	249	16 65	17 19	25 94	25 45	6 40	6 93
Lambton	160	162	263	264	17 18	18 47	28 21	26 90	6 66	6 82
Huron	154	163	252	248	16 48	17 90	26 15	26 58	6 21	6 32
Bruce	153	164	256	245	16 56	17 86	27 08	26 00	5 83	6 24
Group	155	163	256	250	16 72	17 98	27 04	26 39	6 18	6 38
Grey	158	157	253	241	16 58	16 97	26 32	25 59	5 75	6 04
Simcoe	152	163	263	260	16 92	18 00	26 10	27 41	5 81	6 71
Group	156	160	257	253	16 73	17 44	26 23	26 66	5 77	6 33
Middlesex	154	161	261	250	16 74	17 09	26 90	25 24	6 47	6 86
Oxford	161	161	248	249	16 42	17 45	25 06	25 26	6 39	6 75
Brant	156	160	250	241	16 51	16 45	25 17	23 65	6 50	6 99
Perth	154	158	240	240	16 77	17 27	27 22	25 72	6 33	6 53
Wellington	160	163	252	246	16 38	17 16	26 69	26 08	6 37	6 61
Waterloo	153	158	251	250	15 81	17 33	25 67	26 40	6 13	7 18
Dufferin	158	164	255	254	17 39	17 88	27 82	25 00	6 17	6 66
Group	157	161	251	245	16 54	17 20	26 24	25 31	6 36	6 76
Lincoln	149	157	245	257	17 14	17 92	26 35	26 71	6 03	6 52
Wentworth	153	162	251	250	16 72	18 27	26 59	26 17	6 62	7 05
Halton	158	170	277	259	17 08	18 07	27 81	26 65	7 03	7 47
Peel	162	170	256	259	17 55	18 23	27 10	25 91	6 97	7 44
York	169	170	264	260	17 49	17 72	27 26	26 72	7 04	7 33
Ontario	166	162	251	243	17 15	17 01	27 17	25 32	6 27	6 79
Durham	154	160	275	241	16 01	16 55	26 10	24 30	6 41	6 73
Northumberland	150	156	245	231	16 14	16 64	24 47	23 98	5 69	6 41
Prince Edward	151	151	218	221	15 61	16 72	23 56	22 47	5 48	5 67
Group	159	163	254	248	16 87	17 44	26 34	25 54	6 42	6 86
Lennox and Addington	155	152	227	228	16 48	16 84	24 03	23 44	5 44	5 56
Frontenac	151	155	254	235	17 06	18 76	26 58	27 34	5 95	7 43
Leeds and Grenville	153	159	243	236	16 50	18 72	25 29	26 43	6 57	6 83
Dundas	148	150	291	231	17 47	17 19	29 69	26 11	6 72	7 00
Stormont	153	166	238	271	17 05	17 75	27 15	26 88	6 13	6 23
Glengarry	151	146	249	244	16 95	18 07	27 18	26 91	6 33	6 46
Prescott	179	162	279	236	18 05	18 18	27 68	26 78	4 80	6 17
Russell	159	166	253	290	17 35	18 18	26 76	28 50	5 08	5 85
Carleton	162	169	261	254	17 17	17 67	27 83	26 33	7 08	6 98
Renfrew	160	164	255	251	17 50	17 60	28 87	26 21	5 31	5 60
Lanark	161	162	254	256	17 25	18 12	27 19	27 00	6 59	6 59
Group	159	159	253	241	17 17	17 92	26 86	26 24	6 00	6 37
Victoria	168	167	263	267	17 45	18 04	25 77	27 00	6 19	6 41
Peterborough	157	171	272	265	16 46	17 57	25 75	26 52	6 40	7 15
Haliburton	153	165	228	256	17 69	18 07	26 41	25 25	4 87	4 92
Hastings	158	159	249	260	16 26	17 39	25 19	26 46	5 69	6 11
Group	160	165	258	263	16 77	17 67	25 68	26 55	5 93	6 32
Muskoka	159	158	252	257	19 53	19 23	28 33	28 82	6 46	6 55
Parry Sound	173	179	298	295	18 85	18 58	29 04	28 86	5 85	5 83
Nipissing	188	.....	297	.....	20 61	.....	32 28	.....	6 22	.....
Algoma	181	182	257	278	20 19	20 72	29 68	28 82	7 24	6 81
Group	174	175	280	278	19 74	19 38	29 59	28 83	6 40	6 32
The Province	157	162	253	249	16 88	17 59	26 56	26 01	6 23	6 61

PART IV.

LOAN AND INVESTMENT COMPANIES.

STATEMENT OF AFFAIRS.

Returns have been received from sixty-seven loan, building and investment companies for the year 1890. The ending of the financial year varies with the different companies; it will be seen that fifty-four close their year on December 31. The head offices of twenty-seven companies are located in Toronto, of nine in London, of five in St. Thomas, of three each in Hamilton and Ottawa, of two each in Kingston, Sarnia and Stratford, while fourteen other places have one each. One new company was returned, viz.: The Stratford Building and Savings; while of five others reported for 1889, but not for 1890, three, the Arcanum Loan, the Royal Oak Building and the Workingmen's Savings of Toronto, have been absorbed by the Canadian Homestead Loan and Savings Association of the same city. The Civil Service Building Society is going out of business.

The following table gives the amount of capital subscribed, and liabilities and assets of the companies whose head offices are located in the various towns and cities, for the year 1890:

Location of head office of company.	Capital subscribed.	Liabilities to stock-holders.	Liabilities to the public.	Total liabilities or assets.	Secured loan assets.	Property assets.
	\$	\$	\$	\$	\$	\$
Hamilton	2,523,860	2,289,156	3,308,784	5,597,940	5,210,583	387,357
Kingston	450,000	510,811	425,155	935,966	762,992	172,974
London	10,680,500	7,978,349	9,402,757	17,381,106	16,013,984	1,367,122
Ottawa	518,400	463,959	45,684	509,643	405,423	104,220
St. Thomas	1,822,750	1,148,368	718,089	1,866,457	1,792,275	74,182
Sarnia	898,100	1,077,969	971,411	2,049,380	2,031,835	17,545
Stratford	534,200	380,242	478,906	859,148	858,755	393
Toronto	47,634,050	24,424,231	44,377,178	68,801,409	61,229,481	7,571,928
Other places	5,610,850	4,400,467	5,816,235	10,216,702	9,805,704	410,998
Totals	70,672,710	42,673,552	65,544,199	108,217,751	98,111,032	10,106,719

The bulk of loan companies' business is transacted by those located in Toronto, the subscribed capital of its companies being over 67 per cent. of the total; while London comes next with 15 per cent. In the Toronto companies the property assets are as high as 75 per cent. of the total.

In Table I will be found a detailed statement showing the various items in the assets and liabilities of the sixty-seven companies reporting, as far as is consistent with a uniform tabulation. It also shows a miscellaneous summary, chiefly of business transacted during the year 1890.

The 56 limited companies have an aggregate capital of \$102,782,249, of which \$65,895,410 or 64 per cent. has been subscribed. The amount subscribed to 11 "unlimited" companies is \$4,777,300.

The amount of capital fully paid in is \$12,498,330, to which must be added stock upon which \$18,688,567 has been paid, making in all \$31,186,897, or an average of over 44 per cent. of stock subscribed. In addition there is accumulating stock, \$99,836, reserve funds of \$9,288,795, dividends unpaid \$952,907, and contingent fund \$1,145,117; or enough to swell up the average to the credit of stockholders to 60 per cent. on stock subscribed.

The public have on deposit \$17,103,403 (including a portion of interest due and accrued). The companies have now debentures outstanding amounting to \$46,090,494, of which \$7,654,504, or but one-sixth, is payable in Canada.

The amount secured by mortgage on real estate of general borrowers is \$95,007,933, of which \$3,006,109 is held under power of sale. Loans have been made to directors or other officers and shareholders of companies on real estate or stock to the extent of \$939,631. Loans on other securities bring the total loan assets up to \$98,111,032.

The total property assets amount to \$10,106,719, of which 27 per cent is in cash on hand or in bank. The total assets or liabilities are balanced at \$108,217,751.

Coming to the miscellaneous summary we find that dividends of \$2,250,027 were declared during the year. This is equivalent to over 7 per cent. on the amount of stock paid in to the end of the year. The amount loaned was \$18,542,000, and \$20,469,955 was received from borrowers. The latter amount, however, includes interest on the larger portion of \$95,245,657 in secured loans. The debentures issued exceeded the debentures repaid by over two million dollars. This excess would provide for the payment of coupons on debentures which amounted in the year to \$2,035,921. The amount received from depositors was \$23,347,971, while those having deposits withdrew \$23,416,074 in principal and \$710,285 in interest. Compulsory proceedings were taken in 805 cases during the year, the amount involved being \$1,899,209.

The following comparative statement shows the business transacted during the several years by the companies reporting throughout. Returns have been received from sixty-six companies for both 1889 and 1890, while only fifty-four have sent in reports regularly for the four years 1887-90 :

Schedule.	66 companies reporting for the years—		54 companies reporting for the years—			
	1890.	1889.	1890.	1889.	1888.	1887.
	\$	\$	\$	\$	\$	\$
Dividends declared in year.....	2,249,936	2,200,724	2,138,647	2,097,321	2,032,336	2,017,476
Loaned during year.....	18,534,300	21,792,325	17,263,028	20,391,348	17,048,536	17,160,053
Received from borrowers.....	20,469,531	21,328,808	19,114,906	19,941,262	18,820,162	18,987,927
Received from depositors.....	23,347,971	24,721,232	22,856,709	24,419,674	22,918,698	25,283,071
Repaid depositors.....	23,416,074	24,580,790	23,028,209	24,357,831	24,188,350	25,283,441
Debentures issued.....	10,564,009	11,337,938	9,908,610	10,505,870	7,958,544	6,263,884
Debentures repaid.....	8,523,124	7,578,661	7,974,017	6,868,817	5,123,871	4,346,294
Debentures to mature within one year	7,856,937	10,230,949	6,966,372	9,080,086	9,033,705	5,777,979
Interest paid and accrued—						
On debentures.....	2,035,921	2,015,084	1,764,534	1,741,483	1,592,484	1,552,621
On deposits.....	710,285	680,570	702,140	676,871	708,708	685,138
Cost of management.....	846,832	842,270	767,158	765,390	748,327	684,966
Mortgages on which compulsory proceedings have been taken—						
Number.....	805	767	738	716	735	688
Amount.....	1,899,209	1,850,647	1,779,796	1,746,794	1,670,733	1,419,012
Invested and secured by mortgage..	95,237,957	91,538,581	87,377,811	84,151,631	78,735,837	75,431,737
Value of property under mortgage held for sale.....	3,199,119	3,026,619	2,799,362	2,611,812	2,719,277	2,475,568
Amount chargeable against such property.....	3,006,109	2,860,394	2,606,651	2,446,634	2,493,399	2,174,245

The dividends declared in the year by 66 companies exceeded those for 1889 by \$49,212, while the dividends of 54 companies were greater than in 1887 by \$121,171. The amount loaned by the 54 companies in 1890 was less than in 1889 by \$3,128,320, though slightly in excess of 1887 or 1888. The amount received from borrowers (principal and interest) was less than in 1889 and the average for the four years. The deposits

received and repaid were each lower than any other year named. The payments on interest account show steady increases, but the portion for deposits was less than in 1888 by \$6,568. The cost of management includes commission, agency, and all other expenses at head office or elsewhere, not directly chargeable to or on account of borrowers. This item did not receive material additions during 1890, but was higher by \$82,192 than in 1887. The amount invested and secured by mortgage has been steadily advancing, there being an increase in 1890 of \$3,699,376 for 66 companies, and of nearly twelve million dollars in the interval since 1887 for the 54 companies.

The following table shows the growth of assets and liabilities of the same companies reporting for the several years :

Statement of assets and liabilities.	66 companies reporting for the years—		54 companies reporting for the years—			
	1890.	1889.	1890.	1889.	1888.	1887.
	\$	\$	\$	\$	\$	\$
Capital subscribed.....	70,588,510	69,341,932	61,280,660	60,331,132	57,335,159	56,048,310
<i>Liabilities.</i>						
Liabilities to stockholders :						
Stock paid in and accumulating stock.....	31,282,897	30,750,617	28,871,418	28,468,476	27,511,217	26,932,431
Reserve fund.....	9,288,795	8,709,391	8,927,162	8,369,624	7,666,384	7,241,765
Dividends declared, unpaid..	952,907	984,980	893,632	929,638	899,906	885,736
Contingent fund and unappropriated profits.....	1,144,995	1,105,155	832,667	801,055	773,730	774,500
Total	42,669,594	41,550,143	39,524,879	38,568,793	36,851,237	35,834,432
Liabilities to the public :						
Deposits	17,103,403	16,942,965	16,893,287	16,823,175	16,519,063	17,533,413
Debentures payable in Canada	7,654,504	7,622,256	7,047,214	7,089,355	5,949,676	5,500,622
Debentures payable elsewhere	38,435,990	36,712,825	33,291,108	31,601,564	29,078,893	26,722,070
Interest on deposits and debentures due and accrued ..	694,446	683,322	648,231	638,689	570,858	587,484
Owing to banks ...	268,439	214,046	217,175	171,320	114,852	155,326
Other liabilities	1,383,282	791,396	1,355,309	749,789	714,753	678,189
Total	65,540,064	62,966,810	59,452,324	57,073,892	52,948,095	51,177,104
<i>Assets.</i>						
Secured loan assets :						
On real estate of—						
General borrowers	95,000,233	91,500,675	87,164,087	84,046,586	77,786,343	74,907,069
Directors and officers.....	182,724	207,965	158,724	188,565	164,977	252,957
Shareholders and officers' stock	756,907	751,678	755,307	748,632	829,150	1,028,519
Otherwise secured	2,163,468	2,130,651	2,141,204	2,125,691	2,413,756	2,799,039
Total	98,103,332	94,590,969	90,219,322	87,109,474	81,194,226	78,987,584
Property assets :						
Municipal securities.....	892,101	936,271	820,251	857,174	1,078,462	1,061,151
Office premises, furniture etc.	1,052,720	1,028,646	1,049,333	1,025,157	896,501	779,343
Cash on hand and in bank....	2,745,147	2,599,131	2,585,755	2,399,847	2,102,288	2,189,670
Real estate foreclosed or otherwise acquired.....	2,004,453	2,098,297	1,007,845	1,125,262	1,172,344	1,122,183
Other property	3,411,905	3,263,639	3,294,697	3,125,771	3,355,511	2,871,605
Total	10,106,326	9,925,984	8,757,881	8,533,211	8,605,106	8,023,952
Total assets or liabilities	108,209,658	104,516,953	98,977,203	95,642,685	89,799,332	87,011,536

The capital subscribed to 66 companies received an increase during the year of \$1,246,578, while the subscriptions to the 54 companies are now higher by \$5,232,350

than in 1887. In these companies the capital paid in (including accumulating stock) was supplemented by \$1,938,987, and additions aggregating \$1,685,397 were made to the reserve funds in the interval since 1887. The amount due depositors differs little from the normal. The debenture debt of the 54 companies has advanced from \$32,222,692 in 1887 to \$40,338,322 in 1890, being an increase of 25 per cent. Of this increase \$1,546,392 is held by Canadian capitalists, while most of the balance \$6,569,038 is held in Great Britain. The loan assets have increased in the period by \$11,231,738, and the property assets by \$733,929. Nearly 37 per cent. of the latter amount was in office premises.

Table II presents a comparative statement of the amounts loaned in each of the four years 1887-90, with a yearly average for that period by the 54 companies reported. In eleven companies the loans of 1890 exceeded those of 1889, while fourteen surpassed their yearly averages for the period named. The Canada Permanent Loan, of Toronto, stands first in the amount loaned, while the Freehold Loan, Home Savings and Western Canada Loan, of the same place, each average over a million dollars yearly in loans. In nine other companies the average yearly loans exceeded half a million dollars. The twenty Toronto companies named in the table effected loans in 1890 to the extent of \$10,945,782, or an average of \$11,145,959 for the four years 1887-90. The nine London companies averaged \$2,767,453, and the three Hamilton companies \$1,043,653.

LOAN AND INVESTMENT COMPANIES.

List of Companies reporting Statement of Affairs as required by Chapter 169, Section 83, *et seq.*, R. S. O. 1887, or by provisions of Special Charters.

Name of Company.	When Organised.	President.	Manager.	Head Office.	For year ending—
Barrie Loan and Savings Company	April 14, 1881.	N. Dymont.	Robert Laidlaw	Barrie	Dec. 31, 1890.
Hastings Loan and Investment Society	January 1876.	Hon. Mackenzie Bowell.	J. P. C. Phillips.	Belleville	Dec. 31, 1890.
Royal Loan and Savings Company	June 1, 1876.	T. S. Sheuston	R. S. Schell	Brantford	Dec. 31, 1890.
Chatham Loan and Savings Company	Sept. 28, 1881.	Archibald Bell	S. F. Gardner	Chatham	Dec. 31, 1890.
Huron and Bruce Loan and Investment Company	June, 1885.	Joseph Williams	Horace Horton	Goderich	Dec. 31, 1890.
Guelph and Ontario Investment and Savings Society	1876.	David Stirton	William Ross	Guelph	Dec. 31, 1890.
Hamilton Provident and Loan Society	Sept. 1871.	George H. Gillespie	H. D. Cameron	Hamilton	Dec. 31, 1890.
Hamilton Homestead Loan and Savings Society	Jan. 1, 1883.	James E. O'Reilly	I. A. Studdart	Hamilton	Dec. 31, 1890.
Landed Banking and Loan Company	February, 1883.	Matthew Leggat	C. W. Cartwright	Hamilton	Dec. 31, 1890.
Frontenac Loan and Investment Society	Dec., 1863.		Thomas Briggs	Kingston	Dec. 31, 1890.
Ontario Building and Savings Society	May 26, 1874.	C. V. Price	James McArthur	Kingston	Dec. 31, 1890.
Agricultural Savings and Loan Company	May, 1872.	William Glass	W. A. Lipsey	London	Dec. 31, 1890.
Canadian Savings and Loan Company	October, 1875.	James Dyrand	H. W. Blinn	London	May 31, 1890.
Dominion Savings and Investment Society	April, 1872.	Robert Reid	H. E. Nelles	London	Dec. 31, 1890.
Empire Loan Company of Canada.	April 15, 1881.	F. R. Eccles	George Pritchard	London	Dec. 31, 1890.
Huron and Erie Loan and Savings Company	1864.	John W. Little	George A. Somerville	London	Dec. 31, 1890.
London Loan Company of Canada.	1877.	Thomas Kent	Malcolm John Kent	London	Dec. 31, 1890.
Ontario Investment Association	April, 1880.	Wm. J. McIntosh	A. T. McMahon.	London	Dec. 31, 1890.
Ontario Loan and Debiture Company	October, 1870.	Joseph Jeffery	William F. Bullen	London	Dec. 31, 1890.
Royal Standard Loan Company	August, 1877.	G. Taylor	D. McMillan	London	Dec. 31, 1890.
Orangeville Building and Loan Association	1873.	James S. Fead	Francis Irwin	Orangeville	Dec. 31, 1890.
Ontario Loan and Savings Company	1873.	W. F. Cowan	T. H. McMillan	Oshawa	Dec. 31, 1890.
Dominion Investment Loan and Savings Company	Dec. 1, 1886.	James Gillies	James Gillies	Ottawa	Dec. 31, 1890.
Metropolitan Loan and Savings Company	August, 1870.	H. V. Noel	C. R. Cunningham	Ottawa	Dec. 31, 1890.
Ottawa Building and Loan Society	June 6, 1884.	A. Smilde	C. A. Douglas	Ottawa	May 31, 1890.
Owen Sound Grey and Bruce Loan and Savings Company.	April 15, 1889.	William Roy	W. P. Telford	Owen Sound	Dec. 31, 1890.
Central Canada Loan and Savings Company	April 1, 1884.	George A. Cox	Fred G. Cox	Peterborough	Dec. 31, 1890.
Crown Savings and Loan Company	Jan. 30, 1882.	John H. Fairbank	John Fraser	Petrollea	Dec. 31, 1890.
Midland Loan and Savings Company	1873.	John Mulligan	George M. Furby	Port Hope	Dec. 31, 1890.
Security Loan and Savings Company	March 15, 1870.	Thomas R. Merritt.	E. F. Dwyer	St. Catharines	Dec. 31, 1890.
Elgin Loan and Savings Company	May 1, 1879.	Edward Miller	George Rowley	St. Thomas	Dec. 31, 1890.
Southern Loan and Savings Company.	1870.	Samuel Eccles	A. J. Allworth	St. Thomas	Dec. 31, 1890.
Southwestern Farmers' and Mechanics' Savings and Loan Society	Feb. 18, 1875.	E. W. Gustin.	W. E. Leonard	St. Thomas	Dec. 31, 1890.
Star Loan Company	Aug. 31, 1887.	G. E. Casey, M.P.	D. M. Tait.	St. Thomas	Feb. 28, 1891.
The St. Thomas Loan Company	August, 1887.	George Scott	Alexander E. Wallace.	St. Thomas	Dec. 31, 1890.
Huron and Lambton Loan and Savings Company	Nov., 1877.	James Flintoft.	Michael Fleming	Sarnia	Dec. 31, 1890.

LOAN AND INVESTMENT COMPANIES.—Continued.

Name of Company.	When Organised.	President.	Manager.	Head Office.	For year ending—
Lambton Loan and Investment Company	1844.	Chas. Mackenzie, M.P.P.	Robert S. Gurd	Sarnia	June 30, 1890.
British Mortgage Loan Company	October, 1877.	James Trow, M.P.	William Buckingham	Stratford	Dec. 31, 1890.
Stratford Building and Savings Society	Aug. 22, 1889.	W. R. Tiffin	D. B. Burritt	Stratford	Sept. 30, 1890.
Bristol and West of England Canadian Land Mortgage and Investment Company	March 25, 1878.	(Sir George W. Edwards, T. S. Stayner	William Smith & Co.	Bristol, Eng.	Dec. 31, 1890.
British Canadian Loan and Investment Company	July 1, 1877.	A. H. Campbell	R. H. Tomlinson	Toronto	Dec. 31, 1890.
Building and Loan Association	March 1, 1870.	L. W. Smith, Q.C.	Walter Gillespie	Toronto	Dec. 31, 1890.
Canadian Homestead Loan and Savings Association	Sept., 1886.	John Hillock	Appleton J. Patison	Toronto	Sept. 30, 1890.
Canada Landed Credit Company	1858.	John Lang Blaikie	David McGee	Toronto	Dec. 31, 1890.
Canada Permanent Loan and Savings Company	1855.	John Herbert Mason	John Herbert Mason	Toronto	Dec. 31, 1890.
City and County Loan Association	Jan. 26, 1889.	Ambrose Kent	J. C. Laidlaw	Toronto	Dec. 31, 1890.
Dovercourt Land, Building and Savings Company	Dec. 16, 1885.	James Brandon	James T. Lockie	Toronto	Dec. 31, 1890.
Farmers' Loan and Savings Company	October, 1871.	William Mulock, M.P.	George S. C. Bethune	Toronto	Apr. 30, 1890.
Freehold Loan and Savings Company	May, 1859.	A. T. Fulton	Hon. S. C. Wood	Toronto	Apr. 30, 1890.
Home Savings and Loan Company	April 25, 1877.	Hon. Frank Smith	James Mason	Toronto	Dec. 31, 1890.
Imperial Loan and Investment Company	Sept. 14, 1869	Sir Alex. Campbell	E. H. Kertland	Toronto	Dec. 31, 1890.
Land Security Company	Dec., 1873	Major George Greig	W. Innes Mackenzie	Toronto	Dec. 31, 1890.
London and Canadian Loan and Agency Company	Jan. 1, 1873.	Sir W. P. Howland, C.B.	James Ferrier Kirk	Toronto	Aug. 31, 1890.
London and Ontario Investment Company	May 15, 1877.	Hon. Frank Smith	Alfred Morgan Cosby	Toronto	June 30, 1890.
National Investment Company of Canada	1876.	John Hoskin, Q.C.	Andrew Rutherford	Toronto	Dec. 31, 1890.
North British Canadian Investment Company	Oct. 14, 1876.	Peter Sturrock	James L. Scarth	Toronto	Dec. 31, 1890.
North of Scotland Canadian Mortgage Company	Dec. 17, 1875.	James W. Barclay, M.P.	(William Smith, Osler and Hammond	Glasgow, Scot.	Nov. 11, 1890.
Ontario Industria' Loan and Investment Company	Jan. 5, 1880.	James Gormley	Edmund T. Lightbourn	Aberdeen, Scot.	Dec. 31, 1890.
Peoples Loan and Deposit Company	March, 1875.	William Elliot	James Watson	Toronto	Dec. 31, 1890.
Real Estate Loan Company of Canada	Dec., 1879.	T. R. Wadsworth	Benjamin Morton	Toronto	Dec. 31, 1890.
Scottish Ontario and Manitoba Land Company	Dec. 15, 1879.	Robert Young	James L. Scarth	Glasgow, Scot.	Dec. 31, 1890.
Sons of England Building, Loan and Savings Association	June 24, 1889.	Stephen B. Pollard, M.D.	F. J. Davis	Toronto	Dec. 31, 1890.
Toronto Land and Loan Company	May 27, 1881.	Arthur Harvey	W. C. Beddome	Toronto	Aug. 31, 1890.
Trust and Loan Company of Canada	Oct. 1, 1851.	Charles Morrison	(W. W. Ravenhill, William B. B. Simpson.	London, Eng.	Sept. 30, 1890.
Union Loan and Savings Company	March, 1865.	James McGee	William Maclean	Toronto	Dec. 31, 1890.
Western Canada Loan and Savings Company	March, 1863.	Hon. George W. Allan	Walker S. Lee	Toronto	Dec. 31, 1890.
Oxford Permanent Loan and Savings Society	1865.	William Grey	O. S. Beard	Woodstock	Dec. 31, 1890.

STATISTICS OF
LOAN & INVESTMENT COMPANIES.

LOAN AND INVESTMENT COMPANIES.

TABLE I. Statement of affairs showing the capital stock, liabilities and assets of 67 Loan and Investment Companies in the Province of Ontario for the year 1890, as required to be furnished by Chapter 169, Section 83, R. S. O. 1887, or by provisions of special charters; also a miscellaneous summary of the business transacted during the year.

Schedule.	Barrie Loan,	Hastings Loan,	Royal Loan,	Chatham Loan,	Huron and Bruce Loan,	Guelph and Ontario,	Hamilton Provident,	Hamilton Homestead,	Landed Bank, Hamilton,	Frontenac Loan, Kingston,
<i>Capital Stock.</i>										
Capital authorised	\$ 250,000	\$ 250,000	\$ 500,000	\$ 1,000,000	\$ 500,000	\$ 500,000	\$ 1,500,000	\$ 1,000,000	\$ 700,000	\$ Unlimited
Capital subscribed	250,000	225,000	500,000	328,600	222,800	500,000	1,500,000	323,800	700,000	200,000
<i>Liabilities.</i>										
Liabilities to stockholders :										
Stock fully paid up	117,500	191,244	492,600	.....	120,900	333,100	1,000,000	.....	.....	200,000
Stock on which has been paid .....	.....	.....	3,826	125,251	41,895	30,000	100,000	74,869	599,400	.....
Accumulating stock .....	.....	.....	.....	.....	.....	4,687	.....	.....	28,588	.....
Reserve fund	8,500	15,500	82,000	7,000	.....	112,000	255,000	.....	103,000	30,000
Dividends declared and unpaid	4,112	5,716	17,368	.....	.....	14,606	38,500	.....	17,702	6,16
Contingent fund and unappropriated profits	1,475	2,614	8,512	.....	6,733	2,580	25,361	32,788	13,498	4,707
Total	131,587	215,074	604,306	132,251	168,928	496,973	1,419,361	107,657	762,138	240,869
Liabilities to the public :										
Deposits	30,194	126,077	407,444	231,510	90,521	387,992	1,008,298	.....	565,296	250,281
Debentures payable in Canada .....	.....	.....	270,386	1,111	.....	502,485	217,380	.....	245,797	.....
Debentures payable elsewhere .....	.....	48,667	.....	.....	.....	.....	*1,102,397	.....	120,340	.....
Interest on debentures due and accrued .....	.....	.....	4,543	.....	.....	10,883	12,920	.....	5,304	.....
Interest on deposits due and accrued .....	.....	.....	3,616	.....	3,542	5,799	.....	.....	1,125	.....
Owing to banks	20,982	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other liabilities	5	.....	.....	.....	.....	.....	29,051	.....	906	20
Total	51,181	174,744	685,959	232,621	94,063	907,159	2,370,046	.....	938,738	250,301
<i>Assets.</i>										
Secured loan assets :										
Real estate of—										
General borrowers	177,526	324,945	1,208,515	316,149	248,900	1,344,828	3,279,904	100,172	1,589,955	260,118
Directors and executive officers of company .....	.....	.....	.....	.....	.....	.....	.....	.....	1,809	3,487
Held under power of sale	5,009	23,000	19,012	20,444	.....	.....	116,500	4,200	48,739	38,335
Shareholders' stock .....	.....	2,431	8,903	432	3,000	3,111	4,093	.....	.....	11,039
Directors and officers of company on their stock .....	.....	.....	4,784	.....	.....	.....	328	.....	.....	24,455
Otherwise secured .....	.....	.....	.....	.....	.....	3,443	52,856	.....	12,036	25,353
Total	182,535	350,376	1,241,214	337,025	251,900	1,351,382	3,453,681	104,372	1,652,530	362,797

Property assets:													
Municipal and school section securities, cash value.....												7,560	189
Office furniture and fixtures.....												250	
Cash on hand.....	1,638	257	540	590								1,336	7,198
Cash in banks.....	1,509	3,091	1,310	1,334								103,373	3,588
Special deposit in banks.....	11,096	45,793	16,936	6,505								1,268	24,169
Office premises.....	25,199		9,061									89,000	3,716
Real estate absolutely foreclosed.....													33,234
Real estate otherwise acquired.....												7,500	1,510
Other property.....												1,767	59,308
Total	39,442	49,081	27,847	11,091	52,750	385,726	3,285	48,346	128,373				
Grand total assets or liabilities	389,818	1,290,295	364,872	262,991	1,404,132	3,789,407	107,657	1,700,876	491,170				
<i>Miscellaneous.</i>													
Dividends declared in year.....	7,825	34,729	8,013	8,797	29,102	77,000			6,37,138	12,000			
Loaned during year.....	24,889	154,666	48,743	46,415	248,962	621,370	14,814	258,147	52,089				
Received from borrowers (principal and interest).....	28,281	231,724	43,335	26,904	264,342	800,720	5,848	293,695	97,897				
Received from depositors.....	61,147	748,686	439,171	149,478	852,862	1,058,482	+23,002	1,279,823	370,004				
Repaid depositors.....	57,243	756,428	426,996	126,717	774,424	946,768	+21,901	1,328,859	380,218				
Debentures issued.....		100,797	1,000		303,982	119,717		148,545					
Debentures repaid.....		113,188	200		321,564	128,090		111,100					
Debentures to mature within one year.....		96,964	100		117,695	188,758		97,326					
Average rate of interest.....	p.c. 5.00	4.75	4.50		4.52	4.23		4.86					
Interest paid and accrued.....	p.c. 4.00	3.75	4.00	4.13	3.25	3.83		4.04					
Cost of management.....		2,433	18,143	13	24,482	55,440		16,044					
Invested and secured by mortgage.....	2,301	4,035	8,497	3,840	10,918	36,352		22,681					
{ In Ontario.....	756	2,932	6,225	4,164	7,418	26,734	1,275	15,327	4,651				
{ Elsewhere.....	182,535	1,227,527	336,593	248,900	1,344,828	3,271,127	+104,372	1,408,427	206,637				
Mortgages by instalments.....						125,277		232,067	95,293				
Mortgages at stated period.....	643	11,592	63,239	248,900	183,995	2,269,953		57,698	301,950				
Average interest on total amount secured by mortgage, p.c. 7.00	6.85	6.40	7.00	6.50	6.35	6.51	6.00	6.74	7.25				
Average interest on amount loaned on mortgages in year, p.c. 7.00	6.50	6.44	7.05	6.50	6.29	6.87	6.00	6.74	6.00				
Mortgages on which compulsory pro-ceedings have been taken.....	5,11,745	46,219	1,620,626		14,869	139,132		20,34,813	4,093				
Value of mortgaged property held for sale.....	7,500	22,706	21,300			124,856	4,200	48,730	38,000				
Amount chargeable against property.....	5,009	23,000	20,444			116,500	4,200	48,730	38,335				

* Including \$378,383 of debenture stock. + Members only for dues and withdrawals. † In county of Wentworth only.

TABLE I. LOAN AND INVESTMENT COMPANIES—Continued.

Schedule.	Ontario Building, Kingston.	Agricultural Savings, London.	Canadian Savings, London.	Dominion Savings, London.	Empire Loan, London.	Huron and Erie Loan, London.	London Loan, London.	Ontario Investment, London.	Ontario Loan, London.	Royal Standard, London.
<i>Capital Stock.</i>										
Capital authorised	250,000	1,000,000	Unlimited	1,000,000	1,000,000	2,500,000	Unlimited	3,000,000	Unlimited	1,000,000
Capital subscribed	250,000	680,200	750,000	1,000,000	215,000	2,500,000	679,700	2,665,600	2,000,000	240,000
<i>Liabilities.</i>										
<i>Liabilities to stockholders :</i>										
Stock fully paid up	250,000	617,300	685,550	928,550	79,400	1,000,000	631,500	739,173	1,000,000	177,000
Stock on which has been paid		6,643	6,882	3,882	26,851	300,000	2,729		200,000	3,931
Accumulating stock		103,000	180,000	10,000	8,267	581,000	68,500		379,000	19,500
Reserve fund	6,304	21,606		27,856		58,021			42,000	5,310
Dividends declared and unpaid	13,638	1,646	19,064	40,076	444	2,484	41		168	1,205
Contingent fund and unappropriated profits										
Total	289,942	750,195	891,296	1,010,334	114,962	1,941,505	702,770	739,173	1,621,168	206,946
<i>Liabilities to the public :</i>										
Deposits	174,351	559,840	633,037	546,727	109,338	1,202,628	449,785	2,132	477,251	156,194
Debentures payable in Canada		179,370	164,786	72,061		438,114	120,876		37,980	18,000
Debentures payable elsewhere		134,860	36,500	906,951		1,119,365	30,903		1,307,519	
Interest on debentures due and accrued		3,983	4,166	7,157		17,440	2,415		15,027	450
Interest on deposits due and accrued						478				
Owing to banks			2,915	26						
Other liabilities	503	968		225	275			458,315		
Total	174,854	873,721	841,404	1,533,147	109,613	2,778,025	603,979	585,447	1,897,777	174,644
<i>Assets.</i>										
<i>Secured loan assets :</i>										
Real estate of —										
General borrowers	399,295	1,482,293	1,565,767	2,181,661	175,733	4,505,637	1,134,893	422,842	3,272,357	321,353
Directors and executive officers of company	3,746							19,489	5,676	
Held under power of sale	57,635	38,928	27,400	224,210	3,301		27,140	42,794	24,317	23,050
Shareholders' stock	7,524	19,408	108,752	49,539	44,522		29,896	21,307	9,147	17,254
Directors and officers of company on their stock	1,975		2,224				64,157		2,628	4,352
Otherwise secured			736					141,221		
Total	400,195	1,540,629	1,704,879	2,455,410	223,556	4,505,637	1,256,086	647,653	3,314,125	386,009

Property assets:													
Municipal and school section securities, cash value	237	1,774	1,365	.....	507	.....	6,627	400	.....	7,575	.....	300	.....
Office furniture and fixtures	87	500	.....	1,000	.....	324	6,627	4,691	.....	.....	.....	144	.....
Cash on hand	73	4,349	788	201	.....	188	64,439	45,572	12,522	110,454	.....	15,137	.....
Cash in banks	38,336	31,551	.....	86,870	.....	.....	61,439	.....	.....	.....	.....	.....	.....
Special deposit in banks	.....	20,000	.....	.....	.....	.....	19,000	.....	.....	72,000	.....	.....	.....
Office premises	.....	28,000	24,073	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Real estate absolutely foreclosed	.....	1,686	1,595	.....	.....	.....	1,197	.....	17,864	791	.....	.....	.....
Real estate otherwise acquired	5,672	427	.....	.....	.....	.....	61,350	.....	*646,581	14,000	.....	.....	.....
Other property	196	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	44,601	88,287	27,821	38,071	1,019	213,893	50,663	676,967	204,820	15,581	.....	.....	.....
Grand total assets or liabilities	444,796	1,628,916	1,732,700	2,543,431	224,575	4,719,530	1,306,749	1,324,620	3,518,945	381,590	.....	.....	.....
Miscellaneous.													
Dividends declared in year	54	13,750	.....	6	6,289	115,174	.....	7	.....	84,000	.....	10,752	6
Loaned during year	31,703	133,798	185,487	990,823	63,369	737,013	200,470	5,002	458,585	44,472	.....	.....	.....
Received from borrowers (principal and interest)	60,735	286,628	260,033	567,599	70,617	688,595	344,097	277,030	801,467	71,625	.....	.....	.....
Received from depositors	305,839	622,249	1,033,911	877,704	270,776	1,039,958	762,026	.....	620,966	271,743	.....	.....	.....
Repaid depositors	313,973	687,697	1,039,325	876,302	264,866	1,023,516	753,188	36	593,929	279,273	.....	.....	.....
Debitures issued	.....	166,420	106,788	665,414	.....	709,064	88,403	.....	367,870	2,000	.....	.....	.....
Debitures repaid	.....	196,440	83,976	385,990	.....	551,359	108,000	790,842	689,483	400	.....	.....	.....
Debitures to mature within one year	.....	109,267	78,800	98,478	.....	320,363	58,900	.....	211,550	.....	.....	.....	.....
Average rate of interest	p.c.	4.42	4.86	4.37	.....	4.32	4.92	.....	4.25	5.00	.....	.....	.....
Interest paid and accrued	p.c.	4.20	4.23	4.50	4.62	4.00	.....	4.84	4.18	4.30	.....	.....	.....
Cost of management	.....	15,165	9,576	35,152	.....	66,479	9,901	13,647	68,661	820	.....	.....	.....
Invested and secured by mortgage	.....	23,821	27,027	26,104	5,053	46,537	21,512	88	19,247	6,639	.....	.....	.....
Invested and secured by mortgage	.....	2,739	9,814	11,751	2,649	29,992	6,215	12,668	24,565	2,155	.....	.....	.....
Mortgages by instalments	390,636	1,521,221	1,593,167	2,405,871	179,034	4,505,637	1,162,033	464,251	3,302,350	344,403	.....	.....	.....
Mortgages at stated period	137,985	29,337	22,994	.....	77,381	590,724	762,909	.....	1,598,622	2,050	.....	.....	.....
Average interest on total amount secured by mortgage	p.c.	5.13	6.39	6.49	6.75	6.33	6.50	.....	6.38	6 to 9	.....	.....	.....
Average interest on amount loaned on mortgages in year	p.c.	6.05	6.49	6.31	6.50	6.30	6.50	.....	6.32	6.25	.....	.....	.....
Mortgages on which compulsory proceedings have been taken	12	6	8	41	1	20	17	5	11	4	.....	.....	.....
Value of mortgaged property held for sale	42,680	11,082	21,024	40,292	2,504	75,490	54,039	14,113	44,710	23,100	.....	.....	.....
Amount chargeable against such property	48,000	38,928	35,600	238,040	3,500	.....	40,150	42,794	31,000	23,050	.....	.....	.....
	57,655	38,928	27,400	224,210	3,301	.....	27,140	42,794	24,317	23,050	.....	.....	.....

* In liquidation; estimated loss in realising on assets. † Including \$577,465 owing to Dominion Savings.

TABLE I. LOAN AND INVESTMENT COMPANIES.—Continued.

Schedule.	Orangeville Building.	Ontario Loan.	Dominion Investment, Ottawa.	Metropolitan Loan, Ottawa.	Ottawa Building, Ottawa.	Owen Sound, Grey and Bruce Loan, Owen Sound.	Central Canada Loan, Peterborough.	Crown Savings, Petrolia.	Midland Loan, Port Hope.	St. Catharines Security Loan.
<i>Capital Stock.</i>	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Capital authorised	50,000	300,000	Unlimited	320,000	Unlimited	300,000	5,000,000	1,000,000	410,000	300,000
Capital subscribed	24,550	300,000	18,600	320,000	173,800	157,450	2,000,000	175,000	410,000	275,000
<i>Liabilities.</i>										
Liabilities to stockholders :										
Stock fully paid up	15,450		14,600			27,500	500,000	100,350	310,000	
Stock on which has been paid	5,831	299,295	1,101	310,500	82,728	36,731	300,000	34,221	20,000	274,156
Accumulating stock			28	32						
Reserve fund	231	75,000		30,000			192,000	9,000	68,000	35,000
Dividends declared and unpaid	24			9,318		1,877	24,000	3,799	11,025	8,225
Contingent fund and unappropriated profits	1,185	4,847	1,919	13,617	56	3	21,546	325	5,736	2,203
Total	22,721	378,642	17,648	363,527	82,784	66,111	1,087,546	147,695	414,761	319,584
Liabilities to the public :										
Deposits										
Debentures payable in Canada		271,038		44,823		16,569	402,938	53,957	227,369	271,564
Debentures payable elsewhere		186,191					435,750	100	487,305	28,063
Interest on debentures due and accrued							1,044,168			
Interest on deposits due and accrued						66	18,921			
Owing to banks	46	63,084				1,331	10,446			
Other liabilities	15		851		10	3,139	58,927			1,632
Total	61	520,313	851	44,823	10	21,105	1,966,150	54,057	714,674	301,259
<i>Assets.</i>										
Secured loan assets :										
Real estate of—										
General borrowers	22,782	735,121	16,285	284,416	56,900	86,507	2,207,825	195,916	1,035,045	518,091
Directors and executive officers of company		2,548		4,196	24,000		28,900			
Held under power of sale		60,000							19,714	51,173
Shareholders' stock		12,256		7,295					8,921	5,479
Directors and officers of company on their stock		7,667		10,653					7,370	
Otherwise secured		13,483	203		1,475		171,605		1,685	6,182
Total	22,782	831,075	16,488	306,560	82,375	86,507	2,954,330	195,916	1,072,735	580,425

Property assets:											
Municipal and school section securities, cash value.....										4,005	
Office furniture and fixtures.....										14	669
Cash on hand.....	351	478									800
Cash in banks.....	759	351	4,173	419					734		33,601
Special deposit in banks.....	55,270								48,633	1,817	5,871
Office premises.....	11,000		16,116								6,500
Real estate absolutely foreclosed.....			80,417								13,650
Real estate otherwise acquired.....		1,182									
Other property.....									445		1,480
											*33,816
Total.....	67,880	2,011	101,790	419					49,366	5,836	56,700
Grand total assets or liabilities.....	898,955	18,499	408,350	82,794					3,003,696	201,752	1,129,435
<i>Miscellaneous.</i>											
Dividends declared in year.....	7		6						6	7	63
			18,635						3,350	7,418	17,830
Loaned during year.....	98,561	1,913	50,408	6,000					731,276	47,565	180,519
Received from borrowers (principal and interest).....	151,639	5,223	56,074	5,924					5,961	30,033	186,919
Received from depositors.....	294,404		50,693						37,185	346,058	325,941
Repaid depositors.....	272,132		35,145						278,907	25,206	337,537
Debentures issued.....	192,800								787,715	100	612,012
Debentures repaid.....	132,600								501,326		439,019
Debentures to mature within one year.....									313,929		1,741
											216,027
											7,000
Average rate of interest.....	5.00								4.64	5.00	4.85
	4.25								4.50	4.50	3.97
Interest paid and accrued.....	9,310								56,298	21,842	1,339
	10,948								17,168	2,002	9,620
Cost of management.....	112	98	2,126	540					28,226	1,285	7,188
Invested and secured by mortgage.....	22,782	16,285	288,612	80,900					2,236,725	195,916	1,054,759
											569,264
Mortgages by instalments.....	4,271	16,084	6,394	80,900						112,574	19,267
Mortgages at stated period.....	18,511	201	282,218							83,342	1,035,492
Average interest on total amount secured by mortgage.....	p. c. 7.00	7.00	6.50	6.50					6.35	6.69	6.63
Average interest on amount loaned on mortgages in year.....	p. c. 7.00	7.00	6.75	6.00					6.16	6.50	6.83
Mortgages on which compulsory pro- ceedings have been taken.....		1							15	6	
		1,395							40,997	22,126	
Value of mortgaged property held for sale.....											17,150
Amount chargeable against such property.....											19,714

* Including \$28,729, Macrae's defalcation account.

+ Including \$715,489 secured on bonds, stocks and debentures.

TABLE I. LOAN AND INVESTMENT COMPANIES—Continued.

Schedule.	Elgin Loan, St. Thomas.	Southern Loan, St. Thomas.	Southwestern Farmers and Mechanics, St. Thomas.	Star Loan, St. Thomas.	St. Thomas Loan, St. Thomas.	Huron and Lambton Loan, Sarnia.	Lambton Loan, Sarnia.	British Mortgage, Stratford.	Stratford Building, Stratford.	Bristol and West of England, Toronto.
<i>Capital Stock.</i>										
Capital authorised	625,000	Unlimited	Unlimited	270,000	500,000	1,000,000	1,000,000	5,000,000	Unlimited	2,433,333
Capital subscribed	625,000	400,000	138,950	238,800	400,000	398,100	500,000	450,000	84,200	677,075
<i>Liabilities.</i>										
<i>Liabilities to stockholders :</i>										
Stock fully paid up	182,857	400,000	138,653	142,100	138,010	289,950	485,735	130,900	.....	135,415
Stock on which has been paid .....	.....	.....	51	31,872	.....	36,769	.....	175,566	.....	.....
Accumulating stock .....	.....	.....	.....	.....	.....	53,600	210,000	59,000	3,836	14,600
Reserve fund	18,000	63,000	9,500	11,000	.....	.....	.....	10,744	.....	.....
Dividends declared and unpaid .....	.....	4,236	4,770	.....	2,075	.....	1,912	44	122	12,073
Contingent fund and unappropriated profits	849	.....	1,433	1,962	.....	3	.....	.....	.....	.....
Total	201,706	467,236	152,407	180,934	140,085	380,322	697,447	376,284	3,958	162,088
<i>Liabilities to the public :</i>										
Deposits	128,556	251,691	88,679	128,659	115,186	325,212	426,233	443,871	.....	.....
Debentures payable in Canada .....	.....	.....	.....	.....	5,000	.....	189,439	.....	.....	1,083,298
Debentures payable elsewhere .....	.....	.....	.....	.....	.....	.....	4,311	.....	.....	11,918
Interest on debentures due and accrued .....	.....	.....	.....	.....	.....	.....	.....	17,909	.....	.....
Interest on deposits due and accrued .....	.....	.....	.....	.....	.....	10,570	15,616	12,991	655	.....
Owing to banks .....	.....	.....	.....	318	.....	.....	.....	.....	3,480	11,785
Other liabilities .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	128,556	251,691	88,679	128,977	120,186	335,782	635,629	474,771	4,135	1,107,001
<i>Assets.</i>										
<i>Secured loan assets :</i>										
Real estate of—										
General borrowers	307,967	664,236	215,754	294,522	253,118	590,554	1,205,651	808,968	7,700	1,199,553
Directors and executive officers of company	2,575	4,160	.....	.....	.....	.....	8,848	22,187	.....	.....
Held under power of sale	10,478	6,043	11,754	.....	.....	.....	10,635	19,600	.....	41,410
Shareholders' stock	1,711	6,876	1,258	8,120	400	39,437	26,828	300	.....	.....
Directors and officers of company on their stock .....	.....	1,529	906	868	.....	.....	2,239	.....	.....	.....
Otherwise secured .....	.....	.....	.....	.....	.....	82,898	69,445	.....	.....	.....
Total	322,731	682,844	229,672	303,510	253,518	712,889	1,318,946	851,055	7,700	1,240,963

Property assets :											
Municipal and school section securities, cash value	1,477										
Office furniture and fixtures		40									
Cash on hand		11,374								1,000	
Cash in banks	1,985								3,215	5,330	
Special deposit in banks											4
Office premises											
Real estate absolutely foreclosed	14,760									8,000	
Real estate otherwise acquired	2,546										
Other property											861
Total	7,531	11,414	12,401	6,753	3,215	14,330				393	28,126
Grand total assets or liabilities	330,262	241,086	315,911	260,271	716,104	1,333,276	851,055	8,093			1,269,089
<i>Miscellaneous.</i>											
Dividends declared in year	7.	7.	6.	6.	7.	8.	7.	7.	7.	8.	8.
(Rate per cent.)											
(Amount)	28,000	9,514	10,272	6,437	22,857	36,624	21,020				10,833
Loaned during year	30,124	15,957	65,314	120,293	142,677	203,750	157,449	7,700			238,143
Received from borrowers (principal and interest)	45,953	57,463	60,318	38,433	102,056	227,685	173,778	464			301,303
Received from depositors	253,482	116,719	154,747	282,826	406,701	589,608	556,204				
Repaid depositors	255,500	380,953	132,032	256,560	385,238	612,082	514,312				
Debentures issued				5,000		85,060					52,560
Debentures repaid						99,814					33,093
Debentures to mature within one year						96,937					225,690
Average rate of interest	p. c.	4.25	4.25	5.00	4.60	4.13	4.00				4.30
{ For debentures.											
{ For deposits											
Interest paid and accrued	5,269	3,605	4,890	3,451	13,909	16,717	17,909				46,876
{ On debentures											
{ On deposits											
Cost of management	2,125	2,114	1,882	1,561	4,432	5,473	4,734	118			19,422
Invested and secured by mortgage	321,020	227,508	294,522	253,118	590,554	1,220,434	850,755	7,700			1,240,963
{ In Ontario.											
{ Elsewhere											
Mortgages by instalments	229,495	178,016		189,878				7,700			15,150
Mortgages at stated period	91,525	49,492	294,522	63,240	590,554	1,220,434	850,755				1,225,813
Average interest on total amount secured by mortgage.	p. c.	7.00	6.50	6.67	6.60	6.50	6.29				6.75
Average interest on amount loaned on mortgages in year.	p. c.	6.25	6.50	6.39	6.50	6.25	6.25				6.80
Mortgages on which compulsory pro-	1.	4.	2.			4.	11.				4.
ceedings have been taken	3,228	5,588	4,200			10,275	31,200				1,975
(Amount)											
Value of mortgaged property held for sale	15,000	10,800				10,700	19,600				45,000
Amount chargeable against such property	10,478	11,754				10,635	19,600				41,410

TABLE I. LOAN AND INVESTMENT COMPANIES—Continued.

Schedule.	British Canadian, Toronto.	Building and Loan, Toronto.	Canadian Homestead, Toronto.	Canada Landed Credit, Toronto.	Canada Permanent, Toronto.	City and County Loan, Toronto.	Dovercourt Land, Toronto.	Farmers' Loan, Toronto.	Freehold Loan, Toronto.	Home Savings, Toronto.
<i>Capital Stock.</i>										
Capital authorised	\$ 5,000,000	\$ 750,000	\$ 1,000,000	\$ 2,000,000	\$ 5,000,000	\$ 500,000	\$ 500,000	\$ 1,057,250	\$ 3,800,000	\$ 2,000,000
Capital subscribed	1,620,000	750,000	436,800	1,500,000	5,000,000	31,600	64,550	1,057,250	3,221,500	1,500,000
<i>Liabilities.</i>										
<i>Liabilities to stockholders :</i>										
Stock fully paid up	322,608	750,000	60,707	664,000	2,000,000	1,750	63,650	500,000	841,000	150,000
Stock on which has been paid					600,000	8,985		111,430	470,100	
Accumulating stock										
Reserve fund	82,000	108,000		199,200	1,435,000		25,000	128,514	628,918	115,000
Dividends declared and unpaid	11,291	22,500		25,823	150,203	514	2,228	21,400	65,855	5,250
Contingent fund and unappropriated profits	8,049	46,264	12,999		115,156	300	11,063		56,545	28,100
Total	423,948	926,764	73,706	889,023	4,300,359	11,499	101,941	761,844	2,063,418	298,350
<i>Liabilities to the public :</i>										
Deposits	10,340	235,483	206		982,058			443,415	786,418	1,659,266
Debentures payable in Canada	153,176	133,838		36,690	517,992		8,500	210,241	712,063	
Debentures payable elsewhere	1,233,003	521,358		1,475,128	\$5,862,308			419,799	2,461,996	
Interest on debentures due and accrued	15,543			10,348	54,984		15	14,454	64,014	
Interest on deposits due and accrued					140,400			50,000	15,371	63,251
Owing to banks										
Other liabilities	3,181	1,032		5,761	10,975		21,089			2,500
Total	1,416,143	891,711	206	1,527,927	7,568,607		24,505	1,137,909	4,039,862	1,725,017
<i>Assets.</i>										
<i>Secured loan assets :</i>										
Real estate of—										
General borrowers	1,711,944	1,470,623	68,375	2,171,490	10,885,665	10,929	79,120	1,799,944	5,319,827	882,618
Directors and executive officers of company										26,258
Held under power of sale	80,101				431,375			72,370	294,541	1,690
Shareholders' stock	1,200	13,116			37,290			9,025	30,581	3,142
Directors and officers of company on their stock					10,975					
Otherwise secured	1,000		154	23,276			17			**968,993
Total	1,794,245	1,483,739	68,529	2,194,766	11,348,305	10,929	79,137	1,881,339	5,644,949	1,882,701

Property assets :											
Municipal and school section securities, cash value.....											
Office furniture and fixtures.....	3,615									2,365	45,815
Cash on hand.....	2,241									1,715	2,000
Cash in banks.....	24,485	1,735	125							23,330	19,439
Special deposit in banks.....		21,678	5,258							174,915	57,562
Office premises.....		25,226								35,000	
Real estate absolutely foreclosed.....		80,000	40,000							48,853	15,850
Real estate otherwise acquired.....		*201,782	19,919							87,469	
Other property.....	15,059	1,315								39,260	
Total.....	45,846	334,736	5,383	222,184						50,424	140,666
(Grand total assets or liabilities.....)	1,840,091	1,818,475	73,912	2,416,950	11,868,966					1,899,253	2,023,367
<i>Miscellaneous.</i>											
Dividends declared in year..... { Rate per cent { Amount											
Loaned during year.....	274,871	285,400	16,825	211,297	2,115,055					440,425	1,122,186
Received from borrowers (principal and interest).....	308,464	257,395	3,885	402,609	2,355,496					414,611	1,198,415
Repaid depositors.....		334,891	130,273		381,523					482,382	500,459
Debentures issued.....		630,412	15,348		381,809					455,472	523,636
Debentures repaid.....	164,968	102,123		188,795	847,071					190,100	684,441
Debentures to mature within one year.....	107,280	60,510		158,767	402,165					4,500	483,694
	142,339	101,445		188,890	773,509					1,000	416,150
Average rate of interest..... { For debentures, p.c. 4.54		4.58		4.40	4.18					5.00	4.38
		3.31			3.90					4.25	4.00
Interest paid and accrued..... { On debentures, p.c. 4.43		29,079		73,766	232,254					300	28,663
		7,888			42,954					19,009	31,620
Cost of management.....	14,504	13,185	1,706	24,054	82,485					2,665	10,588
Invested and secured by mortgage..... { In Ontario, p.c. 1.537,116		1,329,133	108,375	1,752,833	9,738,874					79,120	4,530,417
		254,929	141,490	418,657	1,511,166						1,083,951
Mortgages by instalments.....	781,314	73,643		219,808	9,736,338					25,982	833,428
Mortgages at stated period.....	1,010,731	1,396,980	68,375	1,931,652	1,563,702					1,846,332	4,760,940
Average interest on total amount secured by mortgage, p.c. 6.46		6.86	6.00	7.00	6.90					7.00	6.68
Average interest on amount loaned on mortgages in year, p.c. 6.93		6.75	6.00	6.75	11.02					6.75	6.00
Mortgages on which compulsory proceedings have been taken..... { Number 8.		7.		34.	139.					16.	43.
		16,872		59,346	255,759					13,862	167,324
Value of mortgaged property held for sale.....	83,750				546,150					80,000	289,761
Amount chargeable against such property.....	80,101				434,375					72,370	294,541

* Acquired by foreclosure or otherwise. † Members only for dues and withdrawals. ‡ In Toronto. § Including \$825,104 of debenture stock.
 ¶ 6.88 per cent. in Ontario, 8 per cent. elsewhere. ** Including \$948,552 on collateral security of bonds, stocks and debentures.

TABLE I. LOAN AND INVESTMENT COMPANIES — *Continued.*

Schedule.	Imperial Loan, Toronto.	Land Security, Toronto.	London and Canadian, Toronto.	London and Ontario, Toronto.	National Investment, Toronto.	North British Toronto.	North of Scotland, Toronto.	Ontario Industrial, Toronto.	Peoples' Loan, Toronto.
<i>Capital Stock.</i>									
Capital authorised	1,000,000	5,000,000	5,000,000	2,500,000	2,000,000	2,433,333	3,650,000	500,000	600,000
Capital subscribed	623,850	1,377,525	5,000,000	2,500,000	1,700,000	2,433,333	3,650,000	466,800	600,000
<i>Liabilities.</i>									
Liabilities to stockholders :									
Stock fully paid up	626,300	545,707	700,000	500,000	340,000	486,667	730,000	58,000	598,500
Stock on which has been paid	1,129	545,000	360,000	130,000	102,000	82,733	292,000	185,000	929
Accumulating stock	123,000	27,285	28,000	17,500	13,076	17,810	35,283	11,000	112,000
Reserve fund	21,972	38,232	23,601			\$39,318	6,269	12,513	20,943
Dividends declared and unpaid	4,141								10,437
Contingent fund and unappropriated profits									
Total	776,542	1,156,224	1,111,601	647,500	455,076	626,529	1,063,552	522,805	742,809
Liabilities to the public :									
Deposits	61,605	181,605				25,454		70,952	419,508
Debentures payable in Canada	225,931	503,235	70,000	449,114	91,883				158,000
Debentures payable elsewhere	814,769	*3,328,876	*3,328,876	1,797,293	1,031,597	*1,761,479	2,684,298		4,867
Interest on debentures due and accrued	17,316	3,664	23,859	17,433	8,564	10,740			2,363
Interest on debentures due and accrued	4,071	2,928						1,839	
Owing to banks		50,363				28,951			6,934
Other liabilities	1,150	173,764	17,133	1,821	5,472	8,967	30,939	118,511	939
Total	1,124,842	865,196	3,490,831	2,265,461	1,140,516	1,885,591	2,715,237	260,302	592,611
<i>Assets.</i>									
Secured loan assets :									
Real estate of—									
General borrowers	1,834,131	1,001,272	3,706,208	2,630,270	1,543,175	2,187,083	3,521,983	213,338	1,252,175
Directors and executive officers of company		13,537	250,079	137,714		116,985	25,439	29,835	71,204
Held under power of sale	7,600								6,895
Shareholders' stock	8,500							5,596	
Directors and officers of company on their stock									
Otherwise secured			13,077		666		1,189	487	160
Total	1,850,231	1,014,809	3,969,364	2,827,984	1,543,841	2,304,068	3,548,611	249,256	1,330,434

Property assets :											
Municipal and school section securities, cash value	500	297,728	57,495	10,740	161,223	508					
Office furniture and fixtures	853		2,333	243	1,687	243					
Cash on hand	49,800	35,112	24,029	365	142	800					
Cash in banks				52,799	3,990	19,875					
Special deposit in banks											
Office premises		120,000		38,808	63,136						
Real estate absolutely foreclosed		119,282			†50,382						
Real estate otherwise acquired						2,415					
Other property		†971,499	1,128	42,942	†513,850						
Total	51,153	1,006,611	85,177	158,051	230,178	4,986					
Grand total assets or liabilities	1,901,384	2,021,420	2,913,161	2,462,119	3,778,789	1,335,420					
Miscellaneous.											
Dividends declared in year	7.	10.	8.	6.	10.	7.					
	43,919	53,613	56,000	25,500	69,350	21,995					
Loaned during year	351,599	290,735	627,732	218,440	456,892	59,575					
Received from borrowers (principal and interest)	341,461	383,519	687,259	470,843	358,548	112,555					
Received from depositors	201,805	181,821		289,179		25,617					
Repaid depositors	234,874	218,894			59,368	28,808					
Debentures issued	96,852	396,900	649,999	103,363	37,807	761,603					
Debentures repaid	32,859	363,700	719,026	70,542	789,461	97,167					
Debentures to mature within one year	99,248	306,000	839,084	180,281	762,461	118,795					
					545,514	141,126					
Average rate of interest.	p.c. 4.60	5.38	4.28	4.50	4.13	5.23					
	p.c. 4.10	5.00				4.38					
Interest paid and accrued	67,629	28,302	151,566	51,009	108,566	7,495					
	4,071	12,610			15,965	20,317					
Cost of management	17,132	20,101	38,635	14,217	48,644	8,002					
Invested and secured by mortgage.	1,465,575	1,069,809	2,827,984	1,179,583	3,547,422	1,323,379					
	376,156			363,592							
Mortgages by instalments	23,625	340,196		2,166		22,092					
Mortgages at stated period	1,818,106	729,613	3,956,287	1,543,175	3,547,422	1,301,287					
Average interest on total amount secured by mortgage.	p.c. 6.80	†	6.38	6.80	6.80	6.19					
Average interest on amount loaned on mortgages in year.	p.c. 6.86	7.00	6.50	6.75	6.75	7.00					
Mortgages on which compulsory pro-	8.	3.	53.	42.	17.	22.					
ceedings have been taken	30,200	7,925	105,411	66,013	25,280	1,400					
Value of mortgaged property held for sale	7,600	15,890	250,079		25,439	75,550					
Amount chargeable against such property.	7,600	13,537	250,079		25,439	71,204					
* Including certificates payable at fixed dates. † Real estate, ‡ Six per cent. on land sales and eight per cent. on loans, § Including \$12,288 in anticipation of calls.											
** Including \$368,728 of debenture stock. †† And otherwise acquired. ‡‡ Mortgages payable.											

* Including certificates payable at fixed dates. † Six per cent. on land sales and eight per cent. on loans. ‡ Including \$12,288 in anticipation of calls.
 ** Including \$308,728 of debenture stock. †† And otherwise acquired. ‡‡ Mortgages payable.

TABLE I. LOAN AND INVESTMENT COMPANIES—Concluded.

Schedule.	Real Estate Loan, Toronto.	Scottish Ontario and Manitoba, Toronto.	Sons of England Building, Toronto.	Toronto Land, Toronto.	Trust and Loan, Toronto.	Union Loan, Toronto.	Western Canada Loan, Toronto.	Oxford Permanent Loan, Woodstock.	Totals of 67 companies.
<i>Capital Stock.</i>									
Capital authorised	2,000,000	2,433,333	Unlimited	1,000,000	14,600,000	1,000,000	3,000,000	Unlimited.	102,732,249
Capital subscribed	732,600	1,216,607	63,600	104,600	7,300,000	1,000,000	3,000,000	242,450	70,672,710
<i>Liabilities.</i>									
Liabilities to stockholders :									
Stock fully paid up	401,050					599,680	1,000,000	230,550	12,498,330
Stock on which has been paid	66,833	608,333	4,281	75,884	1,581,667	78,290	500,000	1,763	18,088,567
Accumulating stock									90,836
Reserve fund		58,400		1,015	761,817	235,000	750,000	19,000	9,288,795
Dividends declared and unpaid		6,171				26,807	75,000	7,951	953,907
Contingent fund and unappropriated profits	189	*246,039	75	10,038	84,712	16,920	115,933	5,024	1,145,117
Total	468,072	918,953	4,356	86,937	2,428,196	956,697	2,440,933	264,288	42,673,552
Liabilities to the public :									
Deposits	313	12,167		1,033		414,091	1,105,444	88,784	17,103,403
Debentures payable in Canada						140,767	585,000		7,654,504
Debentures payable elsewhere		352,207			4,312,058	733,343	2,705,743		38,435,990
Interest on debentures due and accrued							37,751		397,599
Interest on deposits due and accrued		2,433					22,000	4,006	296,847
Owing to banks				4,000					269,094
Other liabilities		9,999		60,645	148,009		390	69	1,386,762
Total	313	376,806		65,698	4,460,067	1,288,201	4,456,328	92,859	65,544,199
<i>Assets.</i>									
Secured loan assets :									
Real estate of—									
General borrowers	178,324	174,151	3,600	105,714	5,547,953	2,003,537	6,374,299	329,022	92,001,824
Directors and executive officers of company									182,721
Held under power of sale	17,727	59,649			73,371	85,078	284,345	5,472	3,006,109
Shareholders' stock	1,274					8,572	13,193	12,174	609,797
Directors and officers of company on their stock									147,110
Otherwise secured		19,432			3,536	1,000	1,526	334	2,163,468
Total	197,325	253,232	3,600	105,714	5,624,860	2,103,187	6,073,363	347,002	98,111,032

Property assets :											
Municipal and school section securities, cash value ..											
Office furniture and fixtures	150	180	.....	.....	1,073	1,226	.....	2,441	.....	276	892,101
Cash on hand	1,112	.....	.....	.....	.....	89	.....	368	.....	296	24,424
Cash in banks	3,729	39,084	756	.....	128,136	33,605	.....	84,651	.....	652	101,785
Special deposits in banks	5,000	.....	.....	.....	239,533	45,000	.....	.....	.....	.....	2,002,822
Office premises .....	.....	.....	.....	.....	63,442	61,223	.....	118,539	.....	7,762	640,697
Real estate absolutely foreclosed	166,282	.....	.....	.....	71,632	.....	.....	.....	.....	.....	1,028,496
Real estate otherwise acquired	94,787	945,044	.....	45,992	.....	.....	.....	.....	.....	.....	900,612
Other property .....	.....	57,634	.....	490	4759,219	568	.....	16,777	.....	1,159	1,103,841
Total	271,060	1,042,537	756	46,921	1,263,403	141,711	223,898	10,145	.....	.....	3,412,141
(Grand total assets or liabilities											
468,385	1,295,769	4,856	152,635	6,888,263	2,244,898	6,897,261	357,147	103,217,751	.....	.....	.....
<i>Miscellaneous.</i>											
Dividends declared in year											
{ Rate per cent. }											
{ Amount }											
.....	1	6,083	.....	7	6	8	10	6½	.....	7.21	.....
.....	.....	.....	.....	5,272	94,900	53,554	152,015	15,099	.....	2,250,027	.....
Loaned during year											
Received from borrowers (principal and interest)	170,748	.....	2,741	15,259	1,080,875	530,242	1,105,056	29,497	.....	18,542,000	.....
Received from depositors	104,075	.....	99	25,137	943,708	515,254	1,316,440	54,176	.....	20,469,955	.....
Repaid depositors	27	10,463	.....	619	.....	493,899	463,097	85,998	.....	23,347,371	.....
Debentures issued .....	.....	292	.....	1,543	.....	523,381	564,566	93,332	.....	33,416,074	.....
Debentures repaid .....	.....	35,664	.....	.....	809,232	216,122	434,739	.....	.....	10,564,009	.....
Debentures to mature within one year .....	.....	2,312	.....	.....	197,319	56,798	276,604	.....	.....	8,523,124	.....
.....	.....	62,293	.....	.....	586,117	48,770	568,060	.....	.....	7,856,937	.....
Average rate of interest											
{ For debentures. }											
{ For deposits }											
p.c. ....	.....	.....	.....	.....	4.22	4.50	4.15	.....	.....	.....	.....
p.c. ....	.....	.....	.....	5.00	.....	4.00	3.85	.....	.....	4.50	.....
Interest paid and accrued											
{ On debentures. }											
{ On deposits. }											
.....	20,015	.....	.....	.....	199,353	35,787	133,637	.....	.....	2,035,921	.....
.....	487	.....	51	.....	.....	15,317	44,861	.....	.....	710,285	.....
Cost of Management											
.....	3,570	6,194	85	1,787	64,480	15,273	53,513	1,809	.....	846,950	.....
Invested and secured by mortgage											
{ In Ontario }											
{ Elsewhere }											
.....	59,003	139,995	3,600	105,714	2,751,140	2,093,615	5,044,438	334,494	.....	95,245,657	.....
.....	137,048	102,805	.....	.....	2,870,184	.....	1,614,206	.....	.....	.....	.....
Mortgages by instalments											
Mortgages at stated period	196,051	233,800	3,600	105,714	5,621,324	893,615	6,658,644	11,990	.....	28,285,503	.....
Average interest on total amount secured by mortgage	p.c. 6.10	6.50	5.50	7.00	6.55	6.75	6.90	6.75	.....	66,960,154	.....
Average interest on amount loaned on mortgages in year	p.c. 6.50	6.00	5.50	7.00	6.82	6.75	7.18	6.50	.....	.....	.....
Mortgages on which compulsory proceedings have been taken											
{ Number. }											
{ Amount. }											
.....	1	2	.....	.....	24	21	61	.....	.....	805	.....
.....	900	5,074	.....	.....	34,812	48,950	190,297	.....	.....	1,899,209	.....
Value of mortgaged property held for sale											
Amount chargeable against such property	18,660	72,588	.....	.....	61,350	85,078	300,000	5,500	.....	3,199,119	.....
.....	17,727	59,049	.....	.....	73,371	85,078	284,345	5,472	.....	3,006,109	.....

* Including \$240,507 paid in anticipation of calls.

† Including \$295,346 Dominion securities and \$275,940 Consols.

‡ From 44 to 5 p.c.

LOAN AND INVESTMENT COMPANIES.

TABLE II. Comparative statement showing the amount loaned in each year, with a yearly average for the four years 1887-90, by the 54 Companies that have reported for the full period.

Companies.	1890.	1889.	1888.	1887.	Average 1887-90.
<i>Toronto:</i>	\$	\$	\$	\$	\$
Bristol and West of England	238,143	234,073	229,431	258,202	239,962
Building and Loan	285,400	331,079	289,973	263,431	292,471
Canada Landed Credit	211,297	252,550	237,547	294,325	248,930
Canada Permanent Loan	2,115,055	2,276,984	2,122,103	1,416,069	1,982,553
*Dovercourt Land and Building					
Farmers' Loan	440,425	391,567	308,119	368,263	377,093
Freehold Loan	1,122,186	1,459,559	823,144	1,289,036	1,173,481
Home Savings	1,464,299	1,586,866	1,387,119	1,222,707	1,415,248
Imperial Loan	351,599	453,068	469,764	661,421	483,963
Land Security	290,735	619,854	476,965	354,049	435,401
London and Canadian Loan	627,732	608,605	605,581	774,782	654,175
National Investment Association	218,440	316,076	299,236	274,303	277,014
North of Scotland Mortgage	456,892	841,811	486,653	481,203	566,640
Ontario Industrial Loan	59,575	174,431	108,974	75,948	104,732
Peoples Loan	161,824	297,205	242,067	248,628	237,431
Real Estate Loan	170,748	72,894	20,504	7,484	67,907
Toronto Land and Loan	15,259	64,695	9,528	42,107	32,897
Trust and Loan	1,080,875	776,601	917,430	641,985	854,223
Union Loan	530,242	672,855	435,998	429,371	517,116
Western Canada Loan	1,105,056	1,224,811	1,303,682	1,105,339	1,184,722
<i>London:</i>					
Agricultural Savings	133,798	301,479	216,853	303,557	238,922
Canadian Savings	185,487	242,036	190,843	300,418	229,696
Dominion Savings	990,823	276,468	391,896	458,215	529,350
Empire Loan	68,369	69,694	53,844	81,092	68,250
Huron and Erie Loan	737,013	937,176	736,594	540,713	737,874
London Loan	200,470	290,526	200,805	218,814	227,654
†Ontario Investment Association	5,002	6,099	42,496	412,346	116,486
Ontario Loan	458,585	588,325	619,880	618,381	571,293
Royal Standard Loan	44,472	52,106	23,670	71,466	47,928
<i>St. Thomas:</i>					
Elgin Loan	30,124	123,682	19,701	68,283	60,447
Southern Loan	42,942	101,977	83,532	94,062	80,628
Southwestern Farmers' Loan	15,957	56,219	36,767	48,638	39,395
Star Loan	65,314	46,299	44,924	65,543	55,520
<i>Hamilton:</i>					
Hamilton Provident and Loan	621,370	624,245	751,309	816,136	703,265
Hamilton Homestead Loan	14,814	10,718	17,032	23,584	16,537
Landed Banking and Loan	258,147	371,083	341,688	324,486	323,851
<i>Kingston:</i>					
Frontenac Loan	52,039	70,080	70,772	56,076	62,242
Ontario Building	31,703	64,173	135,367	138,130	92,343
<i>Sarnia:</i>					
Huron and Lambton Loan	142,677	156,072	94,886	131,657	131,198
Lambton Loan	203,750	213,918	212,760	265,744	224,043
<i>Other places:</i>					
Hastings Loan	72,004	26,140	40,571	71,312	52,507
Royal Loan	154,666	203,467	214,873	200,638	193,411
Chatham Loan	48,743	94,627	47,744	74,257	66,293
Huron and Bruce	46,415	29,854	34,024	57,054	41,837
Guelp and Ontario	248,962	287,584	316,010	337,054	297,402
Orangeville Building	2,388	93	6,477	705	2,416
Ontario Loan	98,561	102,045	88,895	114,518	101,005
Metropolitan Loan	50,408	47,061	57,777	34,364	47,402
Central Canada	741,276	1,684,371	713,401	317,401	864,112
Crown Savings	47,565	51,606	24,231	18,005	35,352
Midland Loan	180,519	202,514	153,444	171,591	177,017
Security Loan	135,937	134,761	149,603	190,876	152,794
British Mortgage	157,449	223,988	127,811	253,495	190,686
Oxford Permanent	29,497	45,278	14,938	72,789	40,626
Total for 54 Companies	17,263,028	20,391,348	17,048,536	17,160,053	17,965,741

* No loans stated in returns, but mortgages are given for balances due on lands purchased.

† In liquidation.

PART V.

CHATTEL MORTGAGES.

Section 7 of Chapter 12, 53 Victoria, Statutes of the Province of Ontario, being an Act respecting certain statistical returns, provides as follows :

1. Every clerk with whom instruments are required to be registered under the provisions of the Act respecting mortgages and sales of personal property shall on or before the 15th day of January in each year transmit to the Minister of Agriculture returns which shall set out :

- (a) The number of chattel mortgages and renewals, the number of discharges and the number of assignments for the benefit of creditors on record and undischarged in the office of such clerk on the first day of January, in the year preceding that in which the return is made.
- (b) The number of chattel mortgages and renewals, the number of discharges and the number of assignments for the benefit of creditors registered in such office during the year following said 1st day of January, and
- (c) The number of chattel mortgages and renewals, the number of discharges and the number of assignments for the benefit of creditors on record and undischarged in said office on the 31st day of December in said year.

2. The returns shall not include instruments which have lapsed by reason of non-renewal.

3. The chattel mortgages and renewals and discharges and assignments for the benefit of creditors in the said returns shall be classified according to the several occupations or callings of the vendors or mortgagors or assignors, as stated in the instruments, and shall show the aggregate sums purporting to be secured thereby respectively.

4. The returns shall, where practicable, distinguish mortgages to secure future indorsements or future advances from mortgages to secure an existing debt or present advance.

In accordance with the foregoing statute, schedules were prepared and transmitted to the County Court Clerks. Returns have been received from them all, but very few were complete as to the discharges and assignments. The chattel mortgages and renewals have been tabulated by counties and by occupations, showing the total number and amount on record and undischarged at the beginning and end of the year 1890. The actual amount unpaid must be less in each case by the sums paid on the loans during the balance of the year following the registration of the instruments. This is partially off-set by unpaid mortgages which have lapsed by reason of non-renewal. The amount of these is not determinable, but must necessarily be small. The difference, however, between the amounts on record at the beginning and end of the year practically shows the increase during the year. It must be borne in mind that the statement refers to chattel mortgages only. In Part IV we found that the regular loan companies hold \$95,245,657 secured by mortgages on real estate, only a small fraction of which is loaned outside of Ontario. There are also a considerable number of real estate mortgages held by private individuals.

It is the chattel mortgage which indicates hard times, because it is the borrower's last resort, while in the many of real estate mortgages we may see signs of prosperity.

There is a want of uniformity in giving the occupation of the mortgagor by persons preparing the instruments. Farmers making small loans were put down as laborers in the county of Kent, but this was rectified during the year on suggestion of the clerk, as shown in Table II. There is nothing to indicate whether a carpenter, for instance, is an employer or employé. In one county we may have builders, while in others similar men are

termed carpenters. Lumbermen in Simcoe are evidently entered as manufacturers, for not a single lumberman appears on the schedule from that county, while on December 31, there were 45 manufacturers on record to the amount of \$130,808. It has not been considered advisable, therefore, to present all the occupations in detail by counties, but a few of the leading ones have been singled out and so tabulated. Farmers forming the largest class of the community appear oftener than any other class in every county, with exception of Carleton, which embraces Ottawa, the seat of the Federal Government, with its numerous clerical staff. In this county mortgages against clerks were most numerous, there being on record on December 31, 136 for \$50,259, out of 210 for \$72,979 in the province.

The following summary table shows by groups of counties the chattel mortgages registered against farmers and all classes :

Districts.	Chattel mortgages on record January 1, 1890.				Chattel mortgages on record December 31, 1890.			
	Farmers.		All classes.		Farmers.		All classes.	
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.
		\$		\$		\$		\$
Lake Erie	1,108	261,788	2,087	696,471	1,642	488,166	2,581	923,602
Lake Huron	1,097	269,245	1,503	414,642	1,429	397,627	1,872	618,978
Georgian Bay	1,474	283,348	1,932	569,414	1,481	357,255	1,919	694,746
West Midland	1,250	464,283	2,324	1,095,361	1,434	528,131	2,463	1,201,424
Lake Ontario	1,564	732,676	4,084	2,539,027	1,666	729,368	4,306	2,280,734
St. Lawrence & Ottawa	1,090	273,182	2,218	1,120,059	1,376	352,903	2,475	1,067,231
East Midland	992	313,196	1,470	679,519	1,123	355,005	1,576	736,420
Northern Districts	302	49,840	596	377,372	378	59,836	667	1,426,308
The Province	8,877	2,647,558	16,214	7,491,908	10,529	3,218,291	17,859	8,949,443

The groups are the same as the districts into which the Province was divided for agricultural purposes in Parts I, II and III, as follows :

LAKE ERIE.—Essex, Kent, Elgin, Norfolk, Haldimand and Welland.

LAKE HURON.—Lambton, Huron and Bruce.

GEORGIAN BAY.—Grey and Simcoe.

WEST MIDLAND.—Middlesex, Oxford, Brant, Perth, Wellington, Waterloo and Dufferin.

LAKE ONTARIO.—Lincoln, Wentworth, Halton, Peel, York, Ontario, Durham, Northumberland and Prince Edward.

ST. LAWRENCE AND OTTAWA.—Lennox and Addington, Frontenac, Leeds and Grenville, Dundas, Stormont and Glengarry, Prescott and Russell, Carleton, Renfrew and Lanark.

EAST MIDLAND.—Victoria, Peterborough, Haliburton and Hastings.

NORTHERN DISTRICTS.—Muskoka, Parry Sound, Nipissing, Algoma, Manitoulin, Thunder Bay and Rainy River.

It will be seen that the total amount outstanding in chattel mortgages on December 31 was \$8,949,443, of which \$3,218,291 was held against farmers. Both the largest number and amount are to be found in the Lake Ontario districts. In this group are situate the cities of St. Catharines, Hamilton and Toronto. There was an increase of 1,645 in the total number of mortgages during the year. Those designated farmers increased by 1,652, leaving a net decrease of 7 for all other classes. The amount against farmers increased by \$570,733, and all classes by \$1,457,535. Lumbermen, chiefly in the Northern Districts, show an increase of \$1,159,873.

The average mortgage on the farmer, who borrowed on his chattels, was \$298 on January 1, and \$306 on December 31, as compared with \$660 and \$782 respectively for all other occupations.

CHATTEL MORTGAGES—ALL OCCUPATIONS.

TABLE I. Showing by County Municipalities of Ontario the total number and amount of Chattel Mortgages and Renewals on record and undischarged on January 1 and December 31, 1890.

Counties.	Chattel mortgages on record January 1, 1890.				Chattel mortgages on record December 31, 1890.			
	To secure existing debt.		For future indorsation.		To secure existing debt.		For future indorsation.	
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.
*Algoma and Nipissing	303	\$ 180,574	4	\$ 1,973	317	\$ 727,398	8	\$ 414,786
Brant	134	105,637	.....	.....	404	170,872	23	7,656
Bruce	802	210,564	3	6,535	877	286,698	13	5,299
Carleton	625	439,555	7	5,596	587	362,310	9	28,447
Dufferin	187	58,269	20	3,440	194	65,330	19	9,311
Elgin	411	155,093	13	5,769	387	124,206	34	8,884
Essex	117	50,613	9	10,623	540	168,639	.....	.....
Frontenac	92	47,987	.....	.....	341	126,729	.....	.....
Grey	1,218	268,873	.....	.....	1,130	314,759	.....	.....
Haldimand	160	49,946	.....	.....	196	57,443	1	250
Haliburton	81	20,165	1	5,000	95	74,576	.....	.....
Halton	130	47,562	1	250	136	56,017	.....	.....
Hastings	827	260,197	40	19,521	775	232,731	48	20,598
Huron	428	74,924	150	73,834	467	148,937	111	48,809
Kent	870	178,388	25	23,499	877	310,326	29	18,257
Lambton	105	44,451	15	4,334	363	117,879	41	11,306
Lanark	231	105,859	.....	.....	196	67,314	1	3,906
Leeds and Grenville	300	90,321	5	22,665	347	132,883	13	5,698
Lennox and Addington	211	77,938	6	8,051	195	80,857	5	4,120
Lincoln	287	170,188	14	12,963	276	188,333	9	2,956
Middlesex	770	340,589	.....	.....	549	284,367	1	3,000
Muskoka and Parry-Sound	281	182,133	8	12,692	340	252,904	2	31,220
Norfolk	217	57,452	13	8,895	232	57,106	10	1,941
Northumberland and Durham	694	384,091	47	59,588	697	355,896	43	18,716
Ontario	392	159,450	28	21,896	435	164,275	35	15,608
Oxford	327	129,351	2	13,200	309	135,725	2	38,000
Peel	135	110,972	6	4,685	159	137,257	1	202
Perth	267	134,633	16	8,701	305	143,292	14	8,061
Peterborough	155	101,060	4	2,607	286	166,264	20	7,296
Prescott and Russell	192	72,000	.....	.....	232	77,849	.....	.....
Prince Edward	262	114,822	13	4,635	287	81,817	5	1,964
Renfrew	227	127,903	7	9,586	253	86,926	3	3,704
Simcoe	714	300,541	.....	.....	789	379,987	.....	.....
Stormont, Dundas and Glengarry	298	104,549	17	8,089	289	82,438	4	4,050
Victoria	361	258,969	1	12,000	349	231,655	3	3,300
Waterloo	71	45,566	3	6,203	131	74,499	5	28,110
Welland	231	146,441	21	9,752	259	146,803	16	29,747
Wellington	479	215,449	48	34,328	469	209,686	38	23,515
Wentworth	470	380,618	20	38,103	455	303,932	22	19,410
York	1,567	970,146	18	59,058	1,746	934,351	.....	.....
The Province	15,629	6,973,837	585	518,071	17,271	8,121,316	588	828,127

* Including Manitoulin, Thunder Bay and Rainy River.

CHattel Mortgages—FARMERS AND LABORERS.

TABLE II. Showing by County Municipalities of Ontario the number and amount of Chattel Mortgages and Renewals registered against Farmers and Laborers, on record and undischarged on January 1 and December 31, 1890.

Counties.	Farmers.				Laborers.			
	Jan. 1, 1890.		Dec. 31, 1890.		Jan. 1, 1890.		Dec. 31, 1890.	
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.
		\$		\$		\$		\$
Algoma and Nipissing	119	19,390	147	24,764	12	2,632	8	955
Brant	65	34,595	238	71,368	1	200	8	543
Bruce	611	142,101	693	171,287	8	637	7	2,025
Carleton	97	17,000	120	31,905	6	630	9	900
Dufferin	158	39,620	151	40,736	.....	.....	4	550
Elgin	203	50,877	240	62,893	11	816	7	633
Essex	73	16,794	345	77,572	5	546	46	4,531
Frontenac	59	28,641	250	81,906	1	300	6	628
Grey	977	152,834	921	187,520	11	979	9	1,037
Haldimand	99	26,830	119	31,036	7	2,017	4	695
Haliburton	73	12,662	83	9,719	.....	.....	.....	.....
Halton	60	19,262	68	26,223	6	420	5	715
Hastings	567	153,850	589	160,585	28	1,803	26	1,612
Huron	417	107,929	455	159,214	8	560	7	690
Kent	482	92,609	637	189,879	238	12,625	52	3,890
Lambton	69	19,215	281	67,126	.....	.....	5	623
Lanark	128	35,374	127	42,258	6	263	2	150
Leeds and Grenville	187	37,458	234	53,892	6	704	9	431
Lennox and Addington	118	31,731	112	30,801	3	218	2	99
Lincoln	114	37,514	110	54,937	6	392	2	228
Middlesex	314	103,743	316	121,328	12	862	11	977
Muskoka and Parry Sound	133	30,450	231	35,072	7	392	4	737
Norfolk	150	33,077	164	34,713	4	377	6	440
Northumberland and Durham	478	279,029	490	238,972	21	2,256	14	2,143
Ontario	264	93,363	331	113,755	13	1,512	13	2,583
Oxford	186	76,488	162	77,413	12	964	20	2,816
Peel	84	87,178	93	109,165	5	413	5	410
Perth	167	75,672	196	76,085	4	350	2	131
Peterborough	100	40,318	194	70,648	1	47	3	402
Prescott and Russell	165	46,405	170	33,355	1	60	9	588
Prince Edward	231	94,119	244	59,826	7	710	7	386
Renfrew	161	40,240	184	40,493	3	739	5	899
Simcoe	497	130,514	560	169,735	49	6,043	25	3,259
Stormont, Dundas and Glengarry	175	36,333	179	38,293	17	1,344	18	1,874
Victoria	252	106,366	257	114,053	3	211	3	342
Waterloo	27	16,476	54	28,194	3	278	3	579
Welland	101	41,601	137	42,073	20	1,542	7	477
Wellington	333	117,689	317	113,007	6	494	3	309
Wentworth	92	38,699	97	39,467	.....	.....	7	909
York	241	83,512	233	87,023	20	2,423	31	2,713
The Province	8,877	2,647,558	10,529	3,218,291	571	46,759	414	43,909

CHATTEL MORTGAGES—HOTEL-KEEPERS AND MERCHANTS.

TABLE III. Showing by County Municipalities of Ontario the number and amount of Chattel Mortgages and Renewals registered against Hotel-keepers and Merchants, on record and undischarged on Jan. 1 and Dec. 31, 1890.

Counties.	Hotels and liquor shops.				Merchants.			
	Jan. 1, 1890.		Dec. 31, 1890.		Jan. 1, 1890		Dec. 31, 1890.	
	No.	Amount	No.	Amount	No.	Amount	No.	Amount
		\$		\$		\$		\$
Algoma and Nipissing	13	9,569	17	9,957	21	45,419	22	56,579
Brant	2	278	12	9,376	5	29,380	14	31,523
Bruce	13	4,388	16	9,396	14	14,661	4	5,136
Carleton	30	16,976	22	58,634	60	143,521	46	100,576
Dufferin	5	4,800	6	6,371	4	1,743	4	6,551
Elgin	17	10,862	10	3,983	17	11,216	6	2,061
Essex	6	6,575	12	6,977	7	10,763	21	14,960
Frontenac	1	1,612	4	2,039	2	2,293	7	6,189
Grey	14	5,612	11	4,667	14	32,135	11	28,145
Haldimand	3	987	1	1,000	5	5,377	10	3,966
Haliburton	2	534	4	877	1	194	2	397
Halton	5	4,240	4	4,633	5	5,062	1	3,144
Hastings	17	7,416	11	5,786	29	21,076	30	11,693
Huron	8	2,005	5	3,541	9	5,040	6	1,365
Kent	12	4,875	15	13,677	33	27,598	8	9,644
Lambton	3	1,921	17	10,999	4	3,297	2	1,558
Lanark	8	5,754	6	6,907	7	7,309	7	3,265
Leeds and Grenville	8	11,209	8	8,420	9	2,213	13	25,858
Lennox and Addington	9	8,457	6	7,198	5	14,699	3	4,850
Lincoln	13	6,333	15	13,630	20	30,949	24	40,747
Middlesex	18	11,215	15	17,237	15	11,915	10	5,057
Muskoka and Parry Sound	10	5,381	8	4,476	13	24,453	10	39,213
Norfolk	8	3,464	10	4,430	7	3,028	3	3,426
Northumberland and Durham	14	11,272	8	4,551	16	16,982	11	10,343
Ontario	9	4,149	8	3,311	6	7,908	7	8,043
Oxford	5	2,957	5	4,974	6	9,093	8	8,963
Peel	7	3,572	4	3,746	.....	.....	3	3,566
Perth	11	9,636	9	10,116	8	19,415	5	9,123
Peterborough	2	313	6	4,108	3	1,339	7	2,779
Prescott and Russell	12	4,689	11	5,588	6	4,980	13	16,678
Prince Edward	3	6,900	4	6,634	9	9,754	11	9,374
Renfrew	6	2,091	5	1,750	8	20,444	14	22,027
Simcoe	18	9,306	24	23,471	32	58,949	30	15,583
Stormont, Dundas and Glengarry	12	32,024	4	12,800	11	9,504	8	5,762
Victoria	6	4,039	7	3,828	12	11,494	6	4,400
Waterloo	7	4,874	3	9,768	4	6,612	9	11,438
Welland	18	8,761	20	8,144	18	26,686	13	33,672
Wellington	20	22,725	24	26,199	6	7,748	12	17,549
Wentworth	83	75,064	86	84,027	31	27,000	28	23,448
York	60	67,086	80	89,932	93	118,703	102	168,797
The Province	518	403,921	543	517,168	575	809,952	551	777,448

CHATTEL MORTGAGES-BY OCCUPATIONS.

TABLE IV. Showing by occupations or callings of mortgagors the number and amount of Chattel Mortgages and Renewals on record and undischarged on January 1 and December 31, 1890, respectively in the province of Ontario.

Occupations.	Chattel mortgages on record Jan. 1, 1890.				Chattel mortgages on record Dec. 31, 1890.			
	To secure existing debt.		For future indorsation.		To secure existing debt.		For future indorsation.	
	No.	Amount.	No.	Amount	No.	Amount.	No.	Amount
		\$		\$		\$		\$
Agent	196	50,688	5	10,223	237	73,263	6	4,672
Bailiff	20	7,582	2	483	12	1,915	2	500
Baker and confectioner	97	29,664	1	100	92	31,016	5	752
Barber	51	13,158	2	357	65	16,494	3	2,677
Barrister and solicitor	67	45,828	4	4,362	50	62,775	20	9,160
Billiard room	9	3,977	1	150	86	15,794	15	2,764
Blacksmith	89	21,275	1	150	48	29,478	3	365
Boarding-house	28	5,459	3	1,500	43	25,221	2	1,412
Book-keeper and accountant	47	31,928	4	259	101	43,681	5	1,270
Brickmaker	39	26,755	2	104	20	13,628	4	1,849
Builder and contractor	129	82,528	3	1,034	52	15,591	3	280
Butcher	165	42,623	4	1,275	157	32,005	1	116
Cabinet maker	27	8,664	2	104	48	38,155	1	15
Cabmen	73	21,985	1	118	22	3,609	1	15
Carpenter	139	22,982	4	259	23	5,062	210	72,979
Carriage maker	52	17,504	2	721	15	6,781	1	550
Carter	36	9,533	2	155	10	2,391	38	17,098
Clergyman	36	8,591	1	210	60	63,147	2	541
Clerk	217	77,357	2	2,137	14	2,020	10,163	3,090,664
Coal and wood dealer	10	9,265	335	153,899	366	127,627	9	3,308
Cooper	7	1,275	1	80	46	7,074	3	250
Dairyman	35	11,895	1	1,188	221	134,872	9	5,784
Druggist	46	59,262	2	2,137	36	8,577	1	100
Engineer	12	2,445	10,163	3,090,664	366	127,627	2	6,257
Farmer	8,542	2,493,659	335	153,899	10,163	3,090,664	366	127,627
Furniture dealer	14	3,889	9	3,308	46	7,074	3	250
Gardener	65	12,716	4	4,448	12	4,960	2	1,000
Gentleman	237	169,660	3	600	139	86,133	3	2,242
Harness maker	35	9,158	10	33,039	128	1,096,697	7	458,265
Hotel and liquor shop	502	392,798	16	11,123	55	35,025	13	48,957
Jeweller and watchmaker	61	81,810	3	2,100	257	408,733	1	80
Laborer	562	46,024	9	735	61	59,022	2	2,564
Laundryman	8	1,984	409	43,359	5	922	1	80
Livery keeper	151	100,900	12	4,960	317	108,557	6	2,465
Lumberman	102	362,050	139	86,133	519	701,111	32	76,337
Machinist	36	21,607	53	38,999	53	38,999	5	4,215
Manufacturer	210	454,194	12	2,347	12	2,358	1	108
Marble dealer	12	2,347	1	1,135	51	8,550	1	100
Married woman	331	89,713	3	261	35	10,940	1	880
Merchant	531	734,526	9	2,235	56	26,568	1	880
Miller	46	38,836	3	3,095	21	3,124	1	249
Moulder	13	2,182	12	4,960	12	5,023	1	108
Painter	63	11,650	1	1,135	51	8,550	1	100
Photographer	33	7,154	35	10,940	1	80	1	880
Physician	66	38,658	2	166	56	26,568	1	880
Plasterer	11	1,561	1	250	21	3,124	1	249
Plumber	11	3,673	12	4,960	12	5,023	1	108
Printer and publisher	155	143,754	3	4,490	188	180,063	3	1,811
Salesman	7	1,063	16	2,883	16	2,883	1	750
Saw-mill man	41	20,188	2	2,500	43	22,439	4	3,150
Shoemaker	45	13,099	3	3,101	43	14,314	1	3,000
Tailor	62	26,956	3	624	62	21,707	1	3,000
Teamster	219	32,693	2	375	293	43,879	7	3,910
Tinsmith	23	9,959	22	9,237	22	9,237	1	300
Traveller	43	13,131	42	13,244	42	13,244	1	153
Undertaker	22	16,343	35	16,707	35	16,707	1	300
Unmarried woman	47	12,200	2	502	61	14,189	1	153
Widow	120	40,924	3	1,274	137	44,986	5	1,256
All others	1,576	951,655	58	111,508	1,603	715,071	56	59,958
Total	15,629	6,973,837	585	518,071	17,271	8,121,316	585	828,127

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